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AIR PORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER—STE P/8 0/8

IES SHUTTLE AFT, TITUSVILLE, PLORIDA. REVISED UNIFORM SUMMARY 0--ETC(U)

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DTIC FORM 70A

DOCUMENT PROCESSING SHEET

DATA PROCESSING DIVISION USAFETAC Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

KSC SHUTTLE APT FL WBAN# 12868 N 28 28 W 080 33 FLD ELEV 10 FT XMR WMO # 74794

PARTS A-F

POR FROM HOURLY OBS: JUN 69 - MAY 79 POR FROM DAILY OBS: JUN 57 - MAY 79

TIME CONVERSION GMT TO LST: -5

NOV 0 6 1979

FEDERAL BUILDING ASHEVILLE, N. C.

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Manager

FOR THE COMMANDER

WALTER S. BURGMANN Scientific & Tehonical Information Officer

2 7 FEB 1980

SECURITY CLASSIFICATION OF THIS PAGE (When Date Entered)

REPORT DOCUMENTATION	READ INSTRUCTIONS BEFORE COMPLETING FORM	
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Revised Uniform Summary of Surface N Observations (RUSSWO)-KSC Shuttle		Final rept.
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7. AUTHOR(s)		8. CONTRACT OR GRANT NUMBER(s)
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USAFETAC/OL-A Air Force Environmental Technical A Scott AFB IL 62225	opl. Center	
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Approved for public release; disti		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and		·
*RUSSWO Daily temperat Snowfall Extreme snow o		tmospheric pressure
Snowfall Extreme snow of Climatology Sea-level pres	•	extreme surface winds
Surface Winds Extreme temper		Psychrometric summary Ceiling versus visibility
Relative humidity *Climatological		(over)
This report is a six-part statistical KSC Shuttle APT, Titusville, F It contains the following parts: (A) (B) Precipitation, Snowfall and Snow (C) Surface winds; (D) Ceiling Versus Summaries (daily maximum and minimum	al summary of lorida Weather Cond Depth (daily is Visibility; n temperatures	surface weather observations for litions; Atmospheric Phenomena; amounts and extreme values); Sky Cover; (E) Psychrometric extreme maximum and minimum
temperatures, psychrometric summary	or wet-bulb t	emperature depression versus
dry-bulb temperature, means and stan	dard deviation	as of dry-bulb, wet-bulb (over)

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UNCLASSIFIED

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*Florida

*KSC Shuttle APT, FL

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

U S AIR FORCE VIRODOSTAL TROUTCAL APPLICATIONS CENTRA

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

QAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and tombined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from howely and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART & PRECIPITATION

SNOWFALL

SNOW DEPTH PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV . (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

FART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarised in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summery shorts are cutted when stations maintaining limited observing schedules did not report certain three-hour periods for any perticular south during the evailable period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly

JAHUARY	APRIL	JULY	OCTO-R
PEDRUARY	MAY	AUDUBT	HOVENGER
MARCE	JUNE	SEPTEMBER	DECENOER

TATION	O UN SUMMARY	STATION NAME		LATITU	DE L	ONGITUDE	FIELD ELEV	FT: CALLS	IGN	WMO WUMP**	
12	868	KSC SHUTTLE AFT FLORIDA		N 2	8 28 V	080 33	10	XX	AR	74794	
•		STATION LOCATIO	A NC	ND IN	ISTRU	MENT	ATION	HIST	ORY		
NUMBER			TYPE	AT THIS L	OCATION	. AT . THIRE	LONGITUDE	ELEVATIO	N ABOVE MSL	OBS PER	
OCATION	<u> </u>	GEOGRAPHICAL LOCATION & NAME	STATION	FROM	TO	LATITUDE	FORELLARS	FIELD (FT)	NT. BARO,	BAT	
1	Cape Car	naveral Florida	AFS	Jun 52	Jan 53	N 28 28	W 080 33	14	17 ft 2		
2	Same		Same	Mar 53	Feb 54	Same	Same	Same	Same	24	
3	Same,		Same		Oct 56	Same	Same	10	Same	9-12	
4	Same		Same		Mar 64	N 28 29	Same	Same	16 ft	24	
5	•	nnedy AFS Florida	Same	•	Mar 70	Same	Same	Same	Same	24	
6	Same		Same	Apr 70	Feb 78	N 28 28	Same	Same	Same	24	
7	KSC Shut	tle Apt, FL	Same	Mar 78	May 79	Same	Same	Same	Same	24	
NUMBER	DATE	SURFACE WIND	EQUIPMENT	IN FORMATION				•			
OF LOCATION	OF CHANGE	LOCATION		TYPE OF	TYPE OF	HT ABOVE	REMARKS, ADI	DITIONAL EQUIP	MENT. OR REA	SON FOR CHANGE	
DCAI ION	CHAINE			TRANSMITTE		CHOMB	 				
-	Jun 522	Located on top of weather s		GMQ-1	ML-204E		į.				
. 2	Mar 54	Located on the NE corner of weather station	the	GMQ-1A	Same	49 ft					
3	Apr 56	Located on top of weather s	tation	Same	Same	35 ft	1			•	
4	Apr 58	1. Located on roof of infla		Same	Same	36 ft	1 .				
- 1		shelter		•	1	1	,				
		2. Same		Stewart	Stewart	: 33 ft	ł				
				Type	Type		1			•	
				Friez	1		Į.				
		3. Same		Same	ML 141-	-5 34 ft	1,				
				Į.	Į	4	1				
1					ĺ	ł	i				
	- 1			ì	1	1	1				

CONTINUED ON REVERSE SIDE

"USAFETAC FORM D-19 (OL A)" PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

MMBER	DATE OF	SURFACE WIND COUPMENT	HFORMATION		•	-Annas
OF DCATION	CHANGE	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE CROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
5	Apr 62	l. Located on roof of inflation shelter	GMQ-1A	ML-204B	36 ft	
6	Apr 63	2. Same Located on roof of inflation	Friez Same	M 141-5 Same	34 ft Same	
7	Apr 67	shelter Located on roof of inflation shelter which adjoins weather	Same	Same	Same	
8	May 79	station on E side	Same	Same	Same	
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U S AIR PORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups,

A persent value of ".0" in these tables indicates less them .05 percent, which is usually only one occurrence The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drissle - All liquid precipitation, falling to the ground, not freezing.

Processing rain and/or freesing drisale (glase) - Precipitation falling in liquid form, but freezing on contact

Smov and/or elect (ice pellets) - Included are enov, smoy pellets, elect, smov grains, ice ergetals, and ice pollets from Jan 65 and later. (Smov pellets also know as soft hall)

Bail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this entegory are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fogic

Smoke and/or hase - Occurrences of smoke, hase, or combinations of smoke and hase are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from son-WAN sources).

Dust and/or send - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing surey - This item if reported, is not shown in a segmente category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this entegory are the observations when each of date of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual entegories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered on obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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GLOBAL CLIMATHLORY BRANCH OSAFFTAC AIR LEATHER SERVICE/MAC

WEATHER CONDITIONS

12862	KUC SHHTTLE APT FL	70=7·)	, Δ ر
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF BECENRENCE OF WEATHER CONDITIONS FROM HOURLY DASERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	. 3	3,1				3.1	5.8				5.0	729
	03-05	• 1	4.6		, , , <u>, , , , , , , , , , , , , , , , </u>		4.6	9.4			ļ	9.4	924
	06-08	•1	3.9				3.9	16.7				16.7	930
	09-11		3,1				3.1	4.7	.6			5.2	130
	12-14	.2	5,5				5.5	• 2	.1			.3	930
	15-17	.2	3.3				3.3	•6	. 2			.9	930
	18-20	.4	3,7				3.7	•9	3			1.2	929
· · · · · · · · · · · · · · · · · · ·	21-23	•1	2.4				2.4	2.0				2.0	930
TOTALS		.2	3,7				3,7	5.0	• 2			5.2	7437

USAPETAC FORM 0-10-5(QL A), regylous somosis of this form are desourte

GEOBAL CEIMATHEURY BRANCH USAFFTAC AIR LATHER SERVICE/MAC

2

WEATHER CONDITIONS

1280°	KSC SHUTTLE APT FL	/^ = 7-) YEARS	H+3
0		TECHO	

FERCENTAGE FREQUENCY OF BOUNKE, MCE OF WEATHER CONDITIONS FREN HOURLY BRUEKVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEo	00-02	• 2	3,7				3.7	3.4				3.4	546
<u></u>	03-05	.4	3,3				3.3	6.3				6.3	044
	06-09		3.7				3,7	12.3		<u> </u>		12.4	1340
	09-11	. 5	5.3				5,3	4.1	1,3			5.4	346
	12-14	. 2	4,3				4.3	•4	.7			1.1	<u></u>
	15-17	.4	4,5				4.5	1.7	5			1.7	846
	18-20	. 8	5.0				5.0	2.1	.1			2.2	846
-	21-23	1.2	6.5				6.5	2.0				2.0	846
TOTALS		, 5	4.5				4.5	4.0	. 4			4.3	6766

USAPETAC PORM 0-10-5(QL, A), previous contons of this form are obsolete

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GLOBAL CLIMATULORY BRANCH USAFFTAC AIR FEATHER SERVICE/MAC

WEATHER CONDITIONS

1285F	KSC SHUTTLE APT EL	/0=79	∴A _{IK}
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DRSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
· A _L	00-02	.6	4.2				4.2	1.0				1.0	930
	03-05	1.4	4.1				4.1	5.4	•1		 	5.5	928
	06-0ª	. 8	3,3				3,3	11.7	.8		l 	12.3	928
	09-11	1.0	2,3				2.3	2.0	1.4			3.4	720
	12-14	. 9	2.9				2.9	<u>•1</u>	. 9			.0	930
	15-17	5	3,0				3.0	5	. 4			1.0	729
<u></u>	18-20	1.1	4,1				4.1	•5	. 5			1.1	925
	21-23	1.1	3,7				3,7	• 3				.3	327
													
TOTALS		•9	3.5				3.5	2.7	5			3.2	7427

USAFETAC $\frac{\text{PORM}}{\text{ARY 64}}$ 0-10-5(QL A), PREVIOUS EDITIONS OF THIS PORM ARE DISSOLETE

DEDUAL CLIMATURURY BRANCH USAFFTAC AIR PLATHER SERVICE/MAC

WEATHER CONDITIONS

12868 KSC SHUTTLE APT FL 10-7:2 APK
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FRO! HOURLY DASERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR ORIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
ДРи	00-02	.2	1.0				1.0	• 5				•6	899
	03-05		1.8				1.8	1.7				1.7	900
	06-08	.1	2,1				2.1	7.8	1.8			9.1	900
	09-11	, 7	2.0				2.0	1.1	1.3			2.3	900
	12-14	1.7	2.1				2.1	•1	.4			.6	900
L	15-17	1.4	3.0			l	3.0		.2			.2	899
	18-20	. 3	1.3				1.3		• 2			.2	898
	21-23	• 2	1,2		-		1.2						900
						! 				<u> </u>			
													
TOTALS		•6	1.8				1,8	1.4	.5			1.8	7196

USAPETAC JULY 64 Q-10-5(QL A), PREVIOUS SOMEONS OF THIS FORM ARE OSSOLETE

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GLUBAL CLIMATULUSY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

WEATHER CONDITIONS

KSC SHUTTLE APT EL MAY MONTH

PERCENTAGE FREQUENCY OF DOCURRENCE OF WEATHER CONDITIONS FROM HOURLY DESERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	• 8	.9				9	• 2	1.0			1.0	929
	03-05	.3	.8				, 8	• 2	.6			.9	930
	06-0 ²	, 3	2.5				2.5	3.4	1.7			4.3	230
	09-11	1.6	2.7				2.7	• 2	1.7			1.9	930
	12-14	6.1	4.7				4.7		1.4			1.4	930
	15-17	R.1	6,6				6,6	•1	1.7			1.8	930
	18-20	7.1	6.0				6,0	•2	1.1		, <u>.</u> .	1.3	927
	21-23	2.8	5,2				5.2	• 2	,9			1.1	927
			-			<u> </u>			,		!		
			· · · · · · · · · · · · · · · · · · ·		<u>-</u>								
TOTALS	.,	3.4	3.7				3,7	.6	1.3			1.7	7433

USAPETAC ANT 44 0-10-5(QL A), MENIOUS EDITIONS OF THIS FORM ARE OSSOLETE

2 GLOBAL CLIMATERITY ERANCH USAFFIAC AIR MEATHER SERVICE/MAC

WEATHER CONDITIONS

12858	KSC	SHUTTLE	APT	FL
STATION			STATION	NAM

7.

MONTH

PERCENTAGE FREQUENCY OF UCCURRENCE OF WEATHER CONDITIONS FROM HOURLY UNSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	• 9	2.3				2.3	•4				.4	900
	03-05	.9	2.7				2.7	1.2				1.2	900
	06-08	1.0	3,2				3.2	3.4	1.9			5.2	300
	09-11	1.7	2,2				2,2		. 9			.9	900
	12-14	7.2	5.0				5.0		. 7			.7	900
	15-17	15.4	8.9				8.9		3		ļ	.3	900
<u> </u>	18-20	11.0	10.8				10.8	• 2	. 4			.7	900
	21-23	3.0	4,2				4,2	1				•1	900
													
													
TOTALS		5.1	4,9				4.9	.7	.5			1.2	7200

USAPETAC ARY 64 0-10-5(QL A), PREVIOUS SERIORS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATULURY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

WEATHER CONDITIONS

12803 STATION	KSC SHITTLE APT FL STATION NAME	. 9-78 YEARS	JUL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	•6	, 9				.9	• 1				.1	930
 	03-05		.6				.6	•1	<u> </u>			.1	930
	06-08	1.4	1.9				1.9	1.7	.6		 	2.4	930
	09-11	2.2	2.7				2.7		.3			.3	930
	12-14	12.6	4.5				4.5		6			.6	930
	15-17	20.9	8,6				8,6	• 2	• 2			.4	930
	18-20	12.7	9.1				9.1	•2	.1		L	.3	930
	21-23	3.7	3,5				3,5						930
													
									· · · · ·				
TOTALS		6.8	4,0				4.0	• 3	. 2			.5	7440

UBAPETAC ART 64 0-10-5(GL A), PREVIOUS EDITIONS OF THIS FORM ARE OSSIGLETE

GLOBAL CLIMATOLBRY BRANCH USAFETAC AIR FEATHER SERVICE/MAC

2

WEATHER CONDITIONS

128g3 KSC SrittTLF APT FL 9970 AUG STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	1.2	1,1				1.1	• 2	.1			.3	929
	03-05	.9	1.4				1.4	. 5				. 5	930
	06-08	1.1	1.2				1.2	2.0	.9			2.8	930
	09-11	2.5	2.8				2,8	•1	1.3			1.4	930
	12-14	я.2	3,3				3.3		1.1			1.1	930
	15-17	15.4	8,5				8.5		1.5			1.5	930
	18-20	8.9	6,9				6.9	• 2	1.4		ļ 	1.6	929
-	21-23	3.0	3.0				3,0		.1			• 1	930
TOTALS		5.2	3,5			!	3.5	. 4	. 8			1.2	7438

USAPETAC $_{\rm AAY\,64}^{\rm PORM}$ 0-10-5(QL A), mevious somovis of this point are desouted

GLUBAL CLIMATOLOGY BOANCH USAFFTAC AIR "EATHER SERVICE/MAC

WEATHER CONDITIONS

12863	KSC SHUTTLE APT FL	₹ 9-7 €	SEp
STATION	STATION NAME	YEARS	HTHOM

PERCENTAGE FREQUENCY OF UCCURRENCE OF WEATHER CONDITIONS FROM POPIETY OF SERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
9 E P	00-02	3.3	4.2				4.2	• 2	.2			.4	; 00
	03-05	1.8	4.6				4.6	• 3				. 3	900
	06-08	1.2	4.9				4.9	2.7	.7			3.3	900
	09-11	1.2	3.7				3.7		.3			.3	900
	12-14	5.9	4.7				4.7						900
	15-17	7.4	6,3				6.3		.4			.4	900
	16-20	6.1	7.4				7.4		.6			.6	900
	21-23	4.2	5 .7				5.7		.3		-	. 3	899
						<u> </u>							
											 		
TOTALS		3.9	5,2				5,2	.4	,3			.7	7199

USAPETAC FORM 0-10-5(QL A), PREVIOUS SPITICHS OF THIS FORM ARE OSSOLETE

GLOBAL CLIMATOLOTY OPANCH USAFFTAC AIR FEATHER SERVICE/MAC

2

WEATHER CONDITIONS

12868 STATION	KSC SHUTTLE APT EL	19-7 5 YEARS	JC [
		YEARS	KOM

PERCENTAGE FREQUENCY OF UCCURRENCE OF WEATHER CONDITIONS FROM HOURLY UNSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
i)CT	00-02	1.0	2.8				2.8	.1				.1	930
	03-05	1.2	3.0				3.0	2.0	' '			2.0	929
	06-08	1.0	5,4				5.4	5.1	. 2			5.1	930
	09-11	.4	4,5				4,5	• 3	, 3		 	.6	930
	12-14	1.2	5.4				5,4	.3				.3	930
	15-17	2.0	6.0				6.0	1				.1	930
<u>.</u>	18-20	7.5	6.6				6.6				 	.1	930
	21-23	1.3	4.7				4,7						930
TOTALS		1.3	4,8				4.8	1.0	.1			1.0	7439

USAPETAC $^{POSM}_{AAT-64}$ 0-10-5(QL A), PREVIOUS SOTTONS OF THIS FORM ARE DISSOLUTE

GLOBAL CLIMATOLUSY BRANCH USAFFTAC AIR REATHER SERVICE/MAC

WEATHER CONDITIONS

12869 KSC SHUTTLE APT FL STATION NAME

.9-76

MONTH.

PERCENTAGE PREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DRSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOA	00-02		3,3				3,3	2.5	.4			3.2	900
	03-05	. 3	4.1				4.1	4.5				4.6	900
	06-08	• 2	3.7				3.7	8.8				8.8	900
	09-11	.4	3,9				3,9	2.7	.3			3.0	900
<u> </u>	12-14	.4	3.7				3,7		.9			.9	900
	15-17	1.2	5,2				5,2	• 2	1.1			1.3	899
	18-20	.7	4.9				4,9	6	1.6			2.1	900
 	21-23	.3	3.7				3,7	1.1	.9			1.9	900
TOTALS		.4	4,1				4.1	2.6	.7			3.2	7199

USAPETAC $_{AEV.64}^{PORM}$ 0-10-5(QL A), mevious somers of this form are dissolute

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GLUBAL CLIMATULURY BRANCH USAFFTAC AIR -EATHER SERVICES/MAC

WEATHER CONDITIONS

STATION STATION NAME TEARS MONTH	12808 KSC SHIT	TTL" APT FL STATION NAME	9-70 YEARS	J+C MONTH
----------------------------------	----------------	--------------------------	------------	--------------

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DESERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEL	00-07		4,9				4.9	4.5				4.5	930
 	03-05	.1	5,4				5.4	6.0		:		6.0	930
	06-08		4.6				4.6	9.8				7.8	930
	09-11	•2	5,1				5.1	3.2	.3			3.5	930
	12-14	. 4	6.0				6.0	•1				.1	930
	15-17	1.0	5,2				5.2	• 5				.5	930_
	18-20	. 3	5,2				5.2	1.5				1.5	928
	21-23		5,2				5.2	2.4				2.4	926
									<u> </u>				
											 		
TOTALS		. 3	5,2				5,2	3.5	•0			3.5	7434

USAPETAC $^{PGSM}_{AAT 64}$ 0-10-5(QL A), regyodus surficies of their PGSM ARE OSSOLETE

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GLOBAL CLIMATULUCY BRANCH USAFTTAL AIR JEATHER SERVICE/MAC

WEATHER CONDITIONS

12803 KSC SHUTTLE APT FL STATION NAME

'/_______

MONTH

PERCENTAGE FREQUENCY OF DOCURRENCE OF WEATHER CONDITIONS FROM HOURLY DRSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JA,4	ALL	.2	3.7				3.7	5. 0	.2			5.2	7437
FEG		.5	4,5				4.5	4.0	.4			4.3	6766
HAR		, 3	3,5				3.5	2.7	.5			3.2	7427
APR		.6	1.8				1.8	1.4	. 5			1.8	7196
HAY		3.4	3.7				3.7	6	1.3			1.7	1433
JUI		5.1	4.9				4.9		.5			1.2	7200
JUL	}	5.8	4.0				4.0	. 3	.2			. 5	7440
AUG		5.2	3,5				3.5	.4	• я			1.2	7438
SEP		3.9	5,2				5,2	.4	. 3			.7	7199
UCT		1.3	4,8				4.8	1.0	.1			1.0	7439
NOV		.4	4.1				4.1	2.6	.7		·	3.2	7199
DEC		• 3	5.2				5,2	3.5	•0			3.5	7434
TOTALS		2.4	4.1				4.1	1.9	.5			2.3	87608

USAPETAC POM 0-10-5(OL A), PREVIOUS ESTRONS OF THIS FORM ARE OSSOLET

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PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "\$ OF OBS WITH PRECIP" and "\$ OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- MOTES: (1) A day with rain and/or drissle was not separately reported in the WMAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
 - (2) A day with freezing rain and/or freezing drissle is also properly reported as a day with rain and/or drisale.
 - (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

GEGRAL CEIMATOLONY ENANCH USAFRIAC AIR TEATHER SERVICE/MAC

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12863	KOC Smittle APT FL	7-70	ALL
STATION	STATION NAME	YEARS	HTHOM

PERCENTAGE OF DAYS WITH MARIN S ATMOSPHERIC PHENCHERA FROM NATEM DBS. PMATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	2.8	34.0		• 1		34.2	27.3	7.1			27.9	682
FLB		5.8	34.1			·	34.1	25.4	3.7		.2	27.7	621
HAR		9.7	33.9				33,9	21.7	3,8			23.3	682
ΔPR		7.4	23,2				23.2	14.5	3.9		.2	15.6	660
MAY		25.4	35,3			• 4	35,3	8.7	5,6			11.3	682
Jon		43.9	49,5				49,5	7. 7	2.9			9.4	660
JUL		52.9	48.1				48,1	5.0	1.2			5.9	682
AUG		46.6	45.7				45.7	7.2	2.2			8.7	682
SEP		32.7	57.3				57,3	5.0	1.7			6.1	660
OCT		12.3	46,6			· · · · · · · · · · · ·	46,6	8.8	1.3			9.5	682
NOV		3,3	34.1				34.1	20.2	2.7			21.1	660
DEC		3.2	36,5				36,5	24.0	1.9			24.5	682
TOTALS		20.7	39,9		• 0		39.9	14.6	2.7	ļ	٥.	15.9	<u>8035</u>

USAPETAC POIM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS PORM ARE OSSOLETE

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- Fig. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SHOWFALL, and SHOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having mone, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 pencent which is usually only one occurrence.
- PRECIPITATION, SNOWFALL, and SNOW DEPTH for the extreme daily amounts, by individual year and month, of precipitation, snowfall, and snow DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION

".00" equals none for the month (hundredths)

EXTREME DAILY SNOWFALL

".Q" equals none for the month (tenths)

EXTREME DAILY SNOW DEPTH

"0" equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SHOWFALL for each year-month and annual. Also prepared are the means, attandard deviations, and total number of valid observations for each month and annual (all months). An esterisk (*) is printed in each data block if one or more days are missing for the month. Ho occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

3 - 1

NOTES:

- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jea 56, but these occurrences have been removed from snowfall category and counted as Hail in these
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each pervice for each period are as follows:

Air Force Stations:

U. S. Navy and National Weather Service (USWB)

Beginning thru 1945 at 0800LST Jan 46-May 47 at 1230GMT Jun 57-present at 1200GMT	Beginning thru Jun 52 Jul 52 May 57 Jun 57-present	at 00300MT at 12300MT at 12000MT
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OF TO A OFFICE SERVICENCE.

ALSO FACE SERVICENCES.

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRICE LPT FATTOR (FROM DAILY OBSERVATIONS)

12804 KSE SOUTTED SET FL 7-74
STATION STATION NAME YEARS

						AM	OUNTS (II	NCHES)						PERCENT		MON	THLY AMO	DUNTS
PRECIP.	NONE	TRACE	.01	.0205	.0610	.1125	.2650	.51.1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	OF DAYS WITH	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW. DEPTH	NONE	TRACE	1	2	3	4.6	7.12	13.24	25-36	37-48	49-60	61-120	OVER 126	AMTS				
JAN	65.5	10.5	2.2	6.0	3 • 1	3.7	ئە ، د	7.4	1.5	. 3			<u> </u>	23.0	682	2.54	0.94	٠υ
FEB	55.7	۶.5	5 e /	4 • 5	1.9	3.5	4.7	4.:	4.5	. 2				25.4	681	2.84	5.40	. 3
MAR	65.2	8.2	2.1	5.7	4.1	٠.9	4.9	٦•١٠	1.7	5	• 1			25.5	607	3.°°>	11.27	. 4
APR	77.5	7.7	1.7	6.4	1.0	?.4	1	2.5	• .					15.0	560	1.10	4.27	.0
MAY	54.4	10.7	1.0	4,3	4.1	1.4	4.0	4.5	1.	. 3				24.9	582	2.87	7-10	TRAC
JUN	50.0	10.2	2.3	7.0	402	7.7	7.7	5.	ر . د	1.5				35.8	ტტე	5.84	14-01	. 3
JUL	51.0	10.4	٧.9	6.2	يَّة و فر	8 • 1	4.0	7.7	4.	. 4				37.7	hdz	5.50	12.79	1.7
AUG	54.0	10.7	د و ح	4.7	>.1	5.7	5.7	5.1	3.4	. 3	• 1			35.3	რ ყ 2	5.22	12.05	1.1
SEP	42.7	12.6	7	Я.5	4.5	8.9	7.6	4.5	4.4	1.4	.2			44.7	660	5.36	20.98	1.5
ост	52.3	12.8	2.9	7.3	3.7	5.3	0.0	4.5	3.1	. 3	• 1			34.0	582	4.32	14.37	,9
МОЛ	65.9	10.3	2.7	6.2	٤.6	3,9	2.0	2.9	2.0	9.	• 2			23.8	660	3.15	8-04	TRAG
DEC	63.5	11.9	2.5	6.3	4. ₩	4,5	٤. د	4.0	k . c					24.6	682	2.07	4.06	.2
ANNUAL	59.9	10.4	2.5	6.0	3.4	٥.5	4.6	4.5	2.7	. 5	• 1			29.7	8035	4.84	\times	\times

1210 WS JUL 44 0:15-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLDGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

12868 STATION

2

KSC SHUTTLE APT FL STATION NAME

57-79. ... YEARS

FROM DAILY OBSERVATIONS

24 HOUR AMOUNTS IN INCHES

				-							!		
78 79	1,2R 4,55	1.97	.95	,03	1.45	3,09	2.46	,29	1.02	2.16	,43	1,67	3.0
76 77	.45	.45	.50	.49 .51	1.80	.70	1.03	1.89	2.93	1.31	4.93	.35	2,9
75	.26	.45	.55	.50	1.23	2.00	•51	1.49	2.61	1.70	.26	.08	2.0
74	E0.	.15	.79	.53	.71	1.32	2.89	3.95	1.18	1.64	45	.94	3.5
72	1.29	1.51	2.82	.68	1.33	3.21	1.05	1.25	2.51	2.01	4.00	.65 .93	<u> </u>
71	•04	2.42	.80	1.23	3.02	.58	• 79	1.77	2.25	1.06	1.59	1.17	3.
70	2.40	•74	1.05	.60	1.38	.99	1.44	1.10	.57	.98	.12	.30	
69	1.60	.87	1.40	.06	2.65	.49	1.35	1.30	1.65	1.83	.92	1.60	2.
68	.23	1.60	1.75	.67	1.12	4.34	1.37	1.82	1.22	5.20	.73	.31	5.
65	.72	1.72	.25	.07	TRACE	1.28	2.52	.95	1.79	.90		1.80	2.
65	1.98	1.50 3.17	1.60	1.26	1.53	1.78	• 89 • 72	1.17	.82 1.24	1.81	1.47	. 79	1.
64	1.27	.99	1.78	.71	1.27	.70	2.24	5.81	4.08	1.90	3.42	.69	5 .
63	.92	2.09	.52	.21	.71	.95	3.57	1.45	6.86	.22	5.89	.78	6.
62	.31	1.10	1.25	80	.04	2.66	2.33	1.80	2.84	1.35	1.72	.21.	2.
61	2.98	.86	.62	.44	.78	2.31	2.03	2.36	1.89	1.05	1.32	.26	2.
60	58	24.	5.62	.71	1.42	1.25	1.57		3.16	1.76.	.61	.54.	5.
58 59	1.51	1.84	1.48	1.15	70 .89	<u>.68</u> _ 1.72	2.33	2.07	1.45	1.85	1.39	1.39.	1 e 2 •
57						1.22	2 • 11	1.75	1.67	.62	.53	1.12	_
MONTH	JAN.	FEB	MAR	APR.	MAY	JUN	JUL.	AUG	SEP	ОСТ	NOV	DEC	ALL MONTHS

USAF ETAC AT M 048-5 (OLA)

11

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

1286R STATION

2

KSC SHUTTLE APT FL STATION NAME

57-79

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	MAL	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ALL MONTHS
57						3.94	7.27	7.29	4.47	2.35	1.09	2.76	
58	5.57	2.23	4.45	2.15	1.42	2.95	3.97	1.63	2.05	4.35	3.65	3.42	37.8
59	2.60	4.75	6.89	4.27	1.62	4.71	5.70	8.01	5.35	5.34	3.81	2.05	55.1
60	.69	4.57	11.27	.89	1.81	7.11	6.27	4.77	13.82	5.26	1.04	1.39	58.8
ol	3.79	1.05	2.02	.75	2.50	4.45	4.86	6.61	4.67	3.29	2.61	.37	36.9
62	.84	1.40	3.24	1,39	.04	8.76	7.70	10.46	10.38	2.79	4.32	.61	51.9
63	3.12	5.03	2.12	.50	1.68	2.87	12.30	3.38	20.98	.99	8.26	2,63	63.8
64	4.52	4.07	2.17	.82	1.71	.95	6.89	12.05	7.30	3.80	6.19	1.05	51.5
65	3.08	3.73	5.27	.19	.03	6.36	2.41	1.42	3.12	6.05	2.34	1.77	37.7
66	5.19	5.40	3.28	1,53	7.10	10.03	3.09	7.06	6.74	2.24	1.42	1,43	54.5
67	1.70	3.99	.46	.10	TRACE	4.86	8.54	3.75	4.70	2.12	TRACE	3.60	33.8
68	.30	2.74	2.51	1.78	4.74	19.01	3.43	3.90	4.49	14.37	1.92	.40	59.5
69	2.33	1.27	3.34	.11	5.41	1.81	4.24	4.70	8.71	5.86	3.23	3.10	44-1
70	5,55	1.79	3.11	1.01	2.15	4.00	5.03	4.02	2,46	3,62	.26	,72	33.7
71	.10	4.97	1.40	1.77	4.55	1.56	4.87	3,53	5.05	7.54	4.45	2.79	42.5
72	1.71	3.70	3.62	.91	3,94	9.41	3.22	5.44	1.64	2.80	8.39	2.62	47.4
73	5.24	1.7q	2.57	1.92	1.82	4.79	3.22	5.03	8.41	3.85	1.12	2.54	42.2
74	•03	.35	.94	,95	2.02	7,45	7.82	8,10	5.00	4,31	.77	2,52	40.2
75	.55	.63	.95	.64	3.88	7.47	2.06	3.05	3.74	4.91	.91	.28	29.0
76	.69	.49	.76	,69	6.30	4.79	1.76	5,14	8.70	2.05	4.34	1,99	37.7
77	.93	1.95	.42	1.10	2.26	.37	3.57	4.42	4.92	2.61	8.64	4.06	35.2
78	2.08	5.37	2.69	,04	3.05	8,85	12.79	1.14	3.30	4.41	.64	3,48	47.8
79	6.94	1.26	1.35	.74	5.01							÷	
MEAN S. D.	2.619	2.838	2.947	1.102	2.865	5.841 4.103	5.500 3.001	5.223 2.771	6.364			2.072	44,85 9,79
TOTAL OSS.	682	621	682	660	682	660	682	682	660	682	660	682	803
TOTAL OBS.	504	NOTE				THAN FO			300	902	964	992	803

USAF ETAC FORM 048-5 (OLA)

BETHER CENTRALINY CRATTON USAL TAC AIR CEATHER SERVICEMENT

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF STOREFALL (FROM DAILY OBSERVATIONS)

1280° F30 SECTE APT FL 7-73

STATION NAME YEARS

l						AM	OUNTS (I	NCHES)						PERCENT		MON	THLY AMO	UNTS
PRECIP.	NONE	TRACE	.01	.0205	.0610	.1125	.2650	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	OF DAYS	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4.6	7-12	13-24	25-36	37.48	49-60	61-120	OVER 120	AMTS		,	ORLAND!	
JAN	99.5	• 1													632	TRACE	TKALE	• (
FEB	100.0														621	٠.	٥٠	• (
MAR	100.0														587	•0	• 0	• 0
APR	100.0														660	.0	•0	•0
MAY	100.0														562	•0	•0	• (
JUN	100.0														660	•	•0	•0
JUL	100.0														682	•0	• 6	• 0
AUG	100.0														687	٠٠	• 0	• 0
SEP	100.0														660	•0	•0	•0
ОСТ	100.0														682	•0	•0	•0
NOV	100.0														660	•0	•0	•0
DEC	100.0														682	•	•0	•0
ANNUAL	100.0	•0													8035	.0	\times	\times

1210 WS JUL 44 0-15-5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

74. 1 yes

12

GLOBAL CLIMATOLOGY BRANCH USAFETAC 2 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

808S1

KSC SHITTLE APT FL STATION NAME

57-79

YEAPS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB.	MAR.	APR	MAY	JUN	IOT.	AUG.	SEP.	OCT.	NOV	DEC.	ALL MONTHS
57													
58		^	,0	•0	^	• 0	• 0	• 0:	•0	• 0	•0	•0	
- 59	• 0	• 0	.0	•0	•0	•0	.0	• <u>0</u>	•0	•0	.0	•0	
60		•0	.0	o_	. •0		• 0			.0	.0	•0	• !
61	•0	•0	ō	•0	•0	•0	.0	•0	<u>. 0</u> . . 0	•0		•0"	. <u> </u>
62	• 0		-0	.0		• 0	.0	•0	•0	•0	,0	•0	
<u>62</u> 63	•0	•0	.0	•0	•0	•0	.0	•0	•0	• 0	.0	•0	
64	• 0	•0	.0	ď	•0	•0	.0	_ • O	.0	, o	, 0	•0	
65	.0	•0	.0	. a	•0	•0	.0	•0	•0	•0	.0	•0	<u></u>
66	• d	• 0	-0	• 0	.0	•0	.0	•0	.D	.0	ŏ	•0	
67	•0	• d	.0	.0	•0	•0	.0	•0	•0	•0	.0	•0	• • • • • • • • • • • • • • • • • • • •
68	, o	• ā	ŏ	ď	. 0	•0	ō	•0	.0	•0	ŏ	•0	
69	• 0	• d	.0	·a	•0	•0	.0	•0	•0	•0	.0	.0	• • • • • • • • • • • • • • • • • • • •
	ď	• 0	.0		•0	• 0	ğ	•0	.0	.0	.0	•0	
70 71	.0	• 0	.0		.0	•0	.0	•0	•0	•0	.0	.0	• (
72	ď	. 0	.0		•0	• 0		• 0	,0	.0	.0	.0	• • • • • • • • • • • • • • • • • • • •
73	ō	•0	•0	• 0	.0	•0	.0	•0	•0	•0	.0	•0	• (
74	.0	• 0	. 0	.0	. 0	•0	o	• 0;	•0	• 0	.0	.0	• (
75	. d	•0	.0	• 0	.0	•0	.0	•0	•0	•0	.0	.0	• (
76	. 0	• 0	.0	. 0	.0	• a	, a	.0	.0	.0	.0	.0	
77	TRACE	• 0	, d	.0	.0	•0	.a	•0	.0	.0	.0	.0	TRAC
78	. d	• 0	.d	.0	.0	• 0	. 0	• 0	• 0	• 0	.0	.0	•
79	.0	• 0	d	• 0	•0								
•										:			
MEAN	TRACE	.00	.00	.00	.00	.00	.00	,00	.00	.00	.00	.00	TRAC
\$. D.	• 000	.00d	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	,00
TOTAL OBS.	682	NOTE	\$88 \$48) #	660 ED DN	682 LESS 1	660	682	582 (241)	660	682	660	682	803

USAF ETAC ACM DOSS (OLA)

GLOBAL CLIMATOLUCY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS:

1286R STATION

2

KAC SHUTTLE APT FL STATION NAME

57-79

YEARS

THTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP	ОСТ	NOV	DEC.	ALL MONTHS
57						•0	.0	•0	.0	•0	•0	•0	
58	.0	.0	.0	• 0	.0	• 0.	Ŏ	<u>• 0.</u>	.0	. ŏ	, o	•0	
59	.0	•0	.0	•0	.0	• 0	.0	•0	.0	.0	۰ ۵	•0	• (
_60	•0	•0	,0	.0	.0	•0	.0	• 0	.0	.0	.0	•0,	•(
61	• 0	•0	.0	.0	.0	•0	.0	•0	.0	• 0	.0	•0	• (
62	. 0	• 0	,0	.0	.0	• 0	.0	•.0:	.0	.0	,0	.0	• (
63	.0	•0	.0	•0	.0	• 0	.0	•0	.0	•0	.0	•0	• (
64	• 0	•0	,0	. 0	.0.	• 0	0	• 0.	.0	• 0	. 0	.0.	
65	•0	•0	.0	• 0	• 0	• 0	. 0	• 0	.0	•0	• 0	•0	• 0
66	• 0	•0	. 0	.0	0	0.	.0	• 0:	0	0	•0	•0.	<u></u>
67	• 0	•0	• 0	• 0	• 0	• 0	.0	• 0	• 0	• 0	•0	• 0	• (
68	•0	•0	.0	•0	.0	0	0	•0	.0	• 0:	0	.0	
69		• 0	.0	• 0	• 0	• 0	. 0	• 0	• 0	• 0	•0	•0	• (
70 #	•4	•0	.0	•0	0_	•0	. 0	• 0	.0	• 0;	. 0	•0	•
71	• a	• 0	• 0	• 0	• 0	• 0	•0	• 0	• 0	• 0	• 0	•0	• (
72	<u>• a</u>		.0	•0	• 0	• 0	.0	• 0!	.0	•0	.0	•0	
73	• 9	• 0	•0	• 0	• 0	• 0	.0	• 0	•0	•0	.0	•0	• (
74	•0	•0	. 0	•0	.0	•0	0	•0	.0	•0	-0	•0	• (
75	• 0	• 0	• 0	• 0	• 0	• 0	.0	• 0	.0	• 0	•0	•0	• (
76	- 9	.0	-0	•0	• 0	•0	- 0	•0	.0	•0	.0	•0	- 0
77	TRACE	• 0	• 0	• 0	• 0	• 0	.0	• 0	•0	•0	.0	•0	TRACE
78 79	• 0	•0	•0	•0	•0	•0	.0	•0	.0	•0	•0	•0	•(
MEAN	TRACE	.00	.00	,00	.00	.00	•00	,00	.00	.00	.00	,00	TRAÇI
S. D.	•000	•000	.000	.00g	•000	.000	-000	.000	.000	.000	.000	.000	,000
TOTAL OBS.	682	MOYE NOTE	682 • (BAS	660 ED DN	682	HAN FU	682	682	660	682	660	682	803

USAF ETAC AN M 048-5 (OLA)

SEURAL CLIMATOLUMY CHAPCH USAFFTAC AIR MEATHER SERVICENTAS

2

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SHEW DEPTH

1285 KSC SHITTLE APT FL STATION NAME YEARS

						AM	OUNTS (I	NCHES)						PERCENT		MON	THLY AMO	UNTS
PRECIP.	NONE	TRACE	.01	.0205	.0610	.1125	.2650	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	OF DAYS	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5.4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120	AMTS				
JAN	100.0														682			
FEB	100.0														F21			
MAR	100.0														603			
APR	100.0														ሳዕስ			
MAY	100.7														687			
JUN	100.0														660			
JUL	100.0														687			
AUG	100.0														582			
SEP	100.0														560			
ОСТ	100.0														562			
NOV	100.0														660			
DEC	100.0														642			
ANNUAL	100.0														¢035		\times	\times

1210 WS JUL 44 0-15-5 (OL.I)

PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETI

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

12868 STATION

2

KSC SHUTTLE APT FL STATION NAME

57-79

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR	MAY	JUN.	JUL	AUG.	SEP	oct.	NOV	DEC.	ALL MONTHS
57						0	0	0	0	0	0	0	
58	q	0	0	0	0	Q.	Ŏ	0	Ŏ.	Ö.	ŏ	ŏ	(
59		0	0	0	0	0	0	0	0	0	0	0	
60	0	ō	O	0	Ō:	O.	Ŏ,	Ō	Ŏ.	n.	0	Ō	č
61	a	õ	0	0	ō	0	õ	0	0	0	0	0	
52	0	Ō.	0	0	0	0	0	0	0.	0.	0	0	Č
03	Q	a	0	0	0	0	0	0	0	0	0	0	
64		0	0	0	0	0.	0	0	0	0	0	0	
65	0	0	0	O	0	0	0	0	0	0	0	0	(
_66	q	Q	0	<u> </u>	0	Q.	0	0	0	0	0	0	
67	q	O.	O.	0	0	O.	0	0	0	O:	0	0	Ú
68	0	<u> </u>	a	<u> </u>	<u> 0</u>	<u>Q</u>	0	0	0	0	<u> </u>	0	<u>`</u>
69	q	q	O	Ŋ	0	0	0	O:	O:	0	0	0 ;	C
70 71	0	0	0	0	<u>O'</u>	O ₁	0	. 0	0	0	0	<u>0</u> ‡	
71	q	Ø	0	0	0	0	0	0	0	0	0	0	C
72 73	q _	0	<u> </u>	- 0	0	0	0	0	0			0	
73	g	Q	0	a	0	0	0	0	0	0	0	0	Ç
74	<u> </u>		<u>Q</u>	0	0	0	0	<u>Q</u>	0	0	0	0	
75	g	Ø	0	0	0	0	0	0	0	0,	0	0	Ç
76	<u> </u>	<u>o</u>	0	0	0	0	0	0	0	0	0	0	. —— <u> </u>
77 78	o n	0	o	o	0	0	0	0	0	0	0	0	2
79	ā	a	ŏ	ō	0	<u> </u>							
MEAN	.0	.0	.0	•0	.0	•0	.0	•0	.0	•0	•0	.0	
\$. D.	•00g	.000	.000	.000	•000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OSS.	682	NOTE	+ (BAS	660 ED DN	682	HAN FU	682	682 (THS)	660	682	660	682	8035

USAF ETAC AN M 040-5 (OLA)

U S AIR PORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Heans and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

MOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Besufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTHRENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A persentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

" Values for means and standard deviations do not include measurements from incomplete months.

Z GLOBAL CLIMATOLUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

12868 STATION KSC SHUTTLE APT FL.

59-00, 62-79

YEARS

DAILY PEAK BUSTS IN KNOTS

TOTAL OBS.		SO	561 TES		BASEC	600				585 MONTH		568	587	567	584		94;
S. D.	5.6		334			581					05711.				.949	8,	
MEAN	33		8.7			3.5								1.1	33.6		6.
									;		1						
	 						<u> </u>										
								·	-	:							
79		4534/		-	3611/												
	29/	4136	+	27/	3530/						26 2/					22/	_
77	31/		_	_	2523/				•	3411/			2932/	_		31/	
76	28/	3427		26/	35 3/			4630/							27	22/	-
74 75	36/ 23/	3029		24/	3415/		27/	4616/		3031/ 33 1/		30 3/ 2930/		251		16/	:
73	27/	2319		29/	3721/			3330/	2513/				3319/			21/	_
72	30/	3628/		34/	34 6/		36/	3511/	4610/			29 5/	2924/			11/	•
71	. 31/	2725	:	22/	4024/		15/	3629/	3230/			34.9/	2427/			25/	
70	29/	3019/		18/	4821/		15/	3130/	4311/		3213/	2511/	3132/			18/	4
69	34/	2924		21/	3611/		4/	3219/	3126/		T. M. T. J. J. J.				= : <u>~</u>	24/	. (
68	NNW	29551	_		32N		SW	33N	4027/			2717/			9/ 33	19/	4
67	SSW	33N	-	NNE	36ESE	-	SSE	345	36W	33WSW		36N	25NNh			N	4
66	MNM	365W	_	4.1	32W		MM m	32SE	4855E		385	30N	26W	32N		SE	1
65	WNW	33W	42		46N	29		23S	42NW	42NW	30NE	48NE	36E	29N	34	_	4
_63 -64	- 🗓	37951 32WSI	41 42		3355V	<u>27</u> / 53	-	30WN.	34NW 24W	41E 34E	40M2M	565SW	31W 38NNW	A	· · · · ·	E	•
62	M M	34N 34SW		WN.	39N 33W	32		25N	37N	32W	38N 40NE	38# 43NNW	35NN _h	33W		NE MNM	3
60	- W	46WSV			34N			24NE	265W	36NW	26.5 S F		25NN _H		27 F-4	SSE	9
59		. 44. 6.					N'	37WNW		3 4 \$	34ENE		31WNk	_			
AR	·																S

Ki

GLOBAL CLIMATULEGY BRANCH USAFFTAG AIR HEATHER SERVICE/MAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

K-SC	SailTILE	APT F	HAME			<u>7</u>	79	 ,	rears				A)
					ALL ME	THE						DOOD HOURS	-0200 (13.7.)
					con	DITION	- 						
SPEED (KNTS)	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND
DIR.													SPEED
N	1.1	1.7	1.6	100								5.8	7.3
NNE	4.1	4	- 3									1.3	6.4
NE	6	4	- 4									1.6	601
ENE	4	5		- 3								1.9	6.8
E	8	1.6	1.2									4.1	5.2
ESE	1.4	1.7	1 - 4	- 2								4.6	5.3
SE	2 . 7	1 1	1.2									5.0	4.3
SSE	1.0	1.7	1.5									4.2	5.4
\$	2 2	3.0	2.8	Li	- 3							11.6	6.3
ssw	1.0	2.0	-1.7									6.0	5.5
sw	1.4	1.3		1								4.3	4.6
wsw		1.4						1				2.7	5.2
w	1.4	1.6	1.4	1.2	1			I				6.4	6.7
WNW	3.0	2.7	1.6	1.4	2							8.9	-6-1
NW	2.0	5.1	3.0	1.0				<u> </u>	Ĺ			13.1	6.7
NHW	2.7	3 1	2.4	2.7				Ī				10.9	7.0
VARBL													
CALM	><	$\geq \leq$	$\geq \leq$	$>\!\!<\!\!<$	$>\!\!<$	$\geq \leq$	\geq		$\geq \leq$	$\geq \leq$	$\geq \leq$	8.0	
	26.3	30.6	22.3	1100	1+1	- +2						100.0	-5-7

USAFETA AIR PEA	AC ATHER SE	RVTCF/4	AC	P		ECTION	AND S				SUR	FACE	WII	NDS
12868 STATION	<u> </u>	SmJTTLE	APT F	HAME		AL WE	THEK	-79		VEA es				A; ONTH 50(
						CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
						17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		SPEED
	(KNTS) DIR.	1.5	1.0	Leo	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	5.1	WIND SPEED
	(KNTS) DIR.					17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		WIND SPEED
	(KNTS) DIR. N	1.5	1.0	Leo		17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	5.1 1.2 2.4	WIND SPEED
	(KNTS) DIR. N NNE	1.5	1.0			17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	5.1 1.2	WIND SPEED 7 • 5 4 • 6 7 • 7
	(KNTS) DIR. N NNE NE ENE	1.5	1.0	100 02 101 04		17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	5.1 1.2 2.4 1.6	WIND SPEED
	(KNTS) DIR. N NNE NE ENE ESE SE	1.5 .4 .4 .4	1.0 .5 .5 .5	105 101 104	. 5 . 6 . 2 . 2	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	5.1 1.2 2.4 1.0 3.0	7.5 4.5 7.1 6.0
	(KNTS) DIR. N NNE NE ENE ESE	1.5 .4 .4 .4 .1.0	1.0 .5 .5 .5	105 02 101 04 05	. 5 . 6 . 2 . 2	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	5.1 1.2 2.4 1.6 3.0 3.1	7.0 4.0 7.1 6.0 5.0

5.0

2.3 6.8

16.3

9.7

TOTAL NUMBER OF OBSERVATIONS

5.6 6.0

6.2

6.0

929

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

.6

SW

WSW

WNW

NNW VARBL

CALM

1

GLOBAL CLIMATOLEMY BRANCH USAFFTAC AIR LEATHER SERVICEMMAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

KSC SHUTTLI	APT F	NAME			7 <u>.</u>	.79	 ,	EARE	····			A
_				إه الم	THE						0000	-0800
-				cas	DITION							
-							· · · · · · · · · · · · · · · · · · ·		—			
SPEED (KNTS) 1 - 3 DIR.	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N 1.6	1.2	ب	1.1								4.7	_6.6
NNE	1	5	• •								1.0	7.4
NE	- 3	5									1.6	5.9
ENE	.5	1.2	ن								2.5	عمق
f 1.0	1.1	1-1	.,								3.4	5.9
ESE		4									2.0	3.6
SE 1	1.0	1.0	- +3	<u> </u>			<u> </u>		 		3.3	5.4
SSE	1.4	1.5	9						!		4.8	6.7
5 1.6	2.3	2.7	100						 		7.7	-6.9
SSW 1 -2	2.5	1.3	• •								- 5.6	601
sw 1-4	2.0	-1.1							 		4.7	<u>5+3</u>
1 2 4 4											2+3	5.H
	1.8		. **	•							7.3	4.9
NW 30U	- 2 - 4	1.0	1.0					·	i		15.7	
NAM E TO	5.7	7 5	3.3		• 1						14.9	7.2
VARBL 4-0			2+3									
CALM	$\supset \subset$	><	><	> <	><	> <	><	><	><	><	9.6	
26-1	28.4	22.3	13-1								100-0	6

GLUGAL CEIMATGLURY BRANCH USAFETAG AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12855 STATION	KSC SHUTTLE APT FL		TEARS	JA:
		ALL ME THE		0900=1100 HOUSE (L.E.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 · 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.7	2.7	- 100	3							7.3	. 8 .
NNE		5									ı	2.4	7.
NE		- 4		- 4.4						1		1.7	_7.
ENE	-2	. 3	1.0	• 1							I	2.5	7.
E	. 5	1.4	3.2								1	5.9	7.
ESE	3	1.1	. 6				1					2.2	- 5.
SE	-4	q	1.2	• }			!					2.6	_6.
SSE	1.0	. 4	3.0	2.2			!					6.6	8.
5	- 4	1.2	4.6	4.5	1							11.2	9
SSW		1.2	2.0	1.4	1							5.4	8.
sw	-3	1.5	2.0	1.2			1	!				5.1	
wsw		1.1	1.6	. 5						1		3.9	- Ba
w	1.1	2.4	102	1.0								5.5	_6.
WNW		2.0	2.0	1.4	.3						1	7.1	8.
NW	1.0	2.6	4.7	3.3	- 4			1				12.7	
NNW	1.0	4.1	4.5	4.7	1			1		1	1	14.4	8.
VARBL								1		T		1	
CALM	\searrow	\times	><	> <	\geq	\geq	\geq	\times	\geq			3.8	
	10.6	22.7	36.8	26.4	1.7							100-0	7.

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CELMATOLEGY BRANCH USAFITAC AIR FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12445	. <u>.</u>	SHUTTLE	APT F	NAME				79		EARS				ionia -
		_				ALL A	Trien.		 				120	1400
		• -				ÇON	DITION		,					
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N	,	3 6	4 1	5 (.								12.6	10.6

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2	2.5	J. 1	5.4								12-4	10.4
NNE			الأمأ					<u> </u>				3-9	ومم
NE	, ,		1.5									4.0	7.8
ENE	- 3	1.5	1.7	-								3.0	5.7
E	1	1.5	3.0								1	6.0	7.0
ESE	- 3	1.2	2.7						i			4.4	7.3
SE	1	1 1	2.5	- 2				i				6.5	8.4
SSE	2		5.2	4 - 5								9.8	10.0
S		2.2	4.2	4.7					!	1		11.1	9.7
SSW	,	1.2		1				1				4.9	9.2
sw	•		1 - 1	1.6								3.5	9.7
wsw	4	- 5	1.2	u	. 1	,			1			3.2	8.8
w	4		2.6	1 1	4				1			5.9	10.4
WNW	3	- 5	2.0		5	-	1			1		-5-2	10.6
NW		1 1	3.6	***	,					1		6.2	9.4
NNW	***		2.9	5.6	1					<u> </u>		9.9	10.6
VARBL										1		747	
CALM	$\supset \subset$	$>\!\!<$	>	> <	\times	> <	$\supset \subset$		><		><	1.2	
	4.1	10.8	40.2	32.6	2,6							100.0	2ءه

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATULUTY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

128	KSC SAUTTLE	APT FL STATION HAME	779	YEARS	A A MONTH
	<u></u> .		ALL AF THE		1500-1700 HOURS (L.S.T.)
			CONDITION		
		,			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	- 5	2.9	5.6	حەق	4							15.1	9.5
NNE		1.9	1.6	- 64								4.7	6.2
NE	5	2.0	1.4					l				4.7	5.5
ENE	- 3	3.1	1.6	. 2						1	Ī	5.3	
E	100	3.7	1.9									7.6	602
ESE	.4	3.5	1.6							1		6.2	6.3
SE	1.0	3.0	5.1	1.0								10.0	7.4
SSE	- 4	1.8	4.6	3.5	- 1							10.5	9.2
\$		1.2	1.5	1.2								4.5	7.7
SSW		- 6		1.00								2.4	9.1
SW		. 6		1.2						i		2.8	9.6
wsw	. 2	. 5	. 4	a li	- 1							2.4	8.6
w	2	1.0	1.4	2.4	.2	. 1	- 2		!			5.9	1102
WNW	- 0	- 4	2.2	. 1.8	. 3							5.4	9.8
NW	2	Q	2.2	1.6	- 1						i	4.9	9.2
иим		- 6	2.2	2.9	- 4		1			1		6.5	10.3
VARBL													
CALM	><	> <	$>\!\!<$	\times	\times	\geq	\geq	\geq	\geq	\times		1.1	
	7-6	24.5	35.9	24 A	1.7		-2					100-0	Ra.

TOTAL NUMBER OF OBSERVATIONS

GLUBAL CLIMATULUTY BRANCH USAFFTAL AIR FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

128 2	KSC	SiduTTLE	APT F	HAME			744	77	 ,	FEARS				ION TH
		-				ALL #	THE		 				180)=2000
						CON	DITION							
	SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
F	N	3.0	2-4	رده	1.2	1			· · · · · · · · · · · · · · · · · · ·				11.4	6.5
	NNE	1.3	1.2	.2	2								3.0	5.2
	NE	9	1.2	1									2.2	6.0
Į_	ENE	2.2	2.4	1.1									5.8	4.9
	E	2.5	2.6	1.2									6.8	_5.1
L	ESE	2.4	2.4						ļ				5.6	3.8
1	SE	2.2	3.7						<u> </u>				7.8	4.8
ļ.	SSE	1.0	3.7	4-1					·				10.9	6.8
ļ.	<u>s</u>	1.1	2.5	- 4-6									5.2	خمك
}.	SSW		8										3.0	7.0
-	5W		1.0							<u> </u>	ļ		2-6	6.5
ļ.	wsw								! }				1.2	-4.2
-	w		2.5	1.2	1.2					ļ	ļ		6.7	7.3
}	WNW		1.5		1.0		<u> </u>						-6.0	&
Į-	NW			-1-1	+b				·		 	ļ	3.9	6.9
ŀ	VARBL	2.0	3.1	3.5	1.2						 		10.2	6.4
}			$\overline{}$	$\overline{}$										
L	CALM		\sim	\geq	\sim	$\geq >$	\sim	\sim			\sim	\sim	7.9	
[• •											

TOTAL NUMBER OF OBSERVATIONS

USAFETAC PORM AR 6-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

042

GLOBAL CEIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

_K <u>``C</u> _	Shorte	STATION HAME 70-79										HOUTH		
	_		ALL REATHER										2100-23(HOURE (C.E.T.)	
					CON	DITION								
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAI WINI SPEEI	
N	2.0	2.3	1.9	1.64	. 2					, 		7.4		
NNE	1.1	5	.4	. 5						,		2.6		
NE	9	. 5	.2	• 2								1.8	5	
ENE	1.0	1.1	1.2	.1								3.3	5	
E	1.6	2.0	1.5	ذ ه								5.5	5	
ESE	2.3	1.8	1.3									5.1	5	
SE	2.0	1.9	- 40									4.6	4	
SSE	105	2.9	2.9	1.0								8.3	6	
\$\$	2.2	4.3	2.5	1.6	1	2				i		10.2	6	
SSW	1.4	1.3			1							3.7	5	
SW										11		2.2	5	
WSW	ادها	1.2	6						<u> </u>			2.3	5	
w	1.2	2.2	1.2	1.2					ļ			5.9	7	
WNW	1.1	1.9	2.6	1.7								7.3	7	
NW	2.5	2.2	2.7	1.4	2		L			 		8.9	7	
NNW	2.6	3.9	2.0						ļ			10.4	6	
VARSL										L		 		
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	9.5							
	24.9	30.9	22.6	11.0	9							100-0		

GLOGAL CLIMATOLUGY BRANCH USAFFTAC AIR FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

KSC_	SHUTTLE	APT	MANE			Z	79	 ,	TEARS				OWTH .
	_				ALL AL	THER						NOUR	(L.B.T
					CONI	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 · 10	11 - 16	17 - 21	22 - 27	28 - 33	34 · 40	41 - 47	48 - 55	≥56	%	ME. WII SPE
N		1.9	2.7	2.3	-2							8.6	
NNE	1.5	. 8		3	- 0							2.5	
NE	- 5		.7	- 4								2.5	
ENE	7	1.2	1.2									3.3	
E	1 1	1.0	1.7									5.3	
ESE	1 . 3	1 - 5	1.2	- 3								6.3	
SE	1.4	1.7	1.4	- 4								5.2	
SSE	1.0	1.8	3.0	1-6	-0							7.4	
5	1 4	2.4	2.1	1.0		1						8.6	
SSW	1.0	1.6	1.3		0	• • •		·				4.7	
sw		1 2	1.0	-6								3.7	
wsw		Ω	7		1							2.6	
w	1.6	1.7	1.4	1.2	- 2				ı			6.3	
WNW	l	1.7	1.9	1.0								6.9	
NW	1 7	ا د د	3.1	1 1 "	2							10.2	
NNW	2.0	3.3	3.2	2-1	1	- 00						11.5	
VARBL	1 500												
CALM			$\overline{}$	$\overline{}$		$\overline{}$	$\overline{}$					6.3	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

043

GLOBAL CLIMATULURY BRANCH USAFFTAC AIR EATHER SERVICE/MAC

33

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12865 STATION	KSC SHUTTLE APT FL	7,1-79	YEARS	FED.
	A)	L AF THE		0000-0200 HOURS (C.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	ł1 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	2.7	1.0	• 0								6.9	5.7
NNE	1.5	. 7		1								2.5	3.5
NE		5								l		1.3	5.1
ENE	.4	.6	. 5									1.4	5.0
E	1.0	1.1	9							Ì	1	3.8	5.3
ESE	100	1.1	102				1				i	3.5	5.1
SE	1.4	1.1	. 13									3.7	_5.7
SSE	Ų	1.8	_601	- 44	5						!	5.6	7.3
5	2.1	6.3	302		1							10.6	6.4
ssw	2.2	1.4	9									5.2	5.2
sw	Q	2.5	. 7.	- 4								4.5	5.4
WSW	1.4	2-0	ä									4.6	5.2
w	2.6	4.8	2.1	0	1							10.6	6.0
WNW	1.2	4.2	2.2	1.0							i	9.7	7.3
NW	1.5	3.0	4.3	2.1	1							11.9	7.5
WNN	1.5	3.1	1.9	1.4								7.9	6.8
VARBL													
CALM	$\geq \leq$	$\geq \leq$	\mathbb{X}	\times	$\geq \leq$	\times	$\geq \leq$	6.3					
	22.5	35.7		10.4	9							100-0	5.8

SEUBAL CLIMATULUSY SPANCH USAFFTAL AIR HEATHER SERVICE/ AF

128.5 KSC SHITTLE APT FL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					COI	DITION							
								·		-,-			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.0	1.04	1.0									6.5	- 5.
NNE	7	4					Ĺ					1.2	3.
NE	,	7										1.1	5.
ENE	5	. 5										1.5	\$.
E	1.5		- 7	-								4.6	4.
ESE	1.3	7	1.1			I				1		2.6	- 5
SE	1 1	- 8		,			1					2.4	4
SSE	***		1.7	- 1	1			i				3.4	-8
S	1 7	2.4	3.7	- 9	i							8.8	-6
SSW	1.8	2.3	7									5.0	4
SW	1 - 2	1.0										4.3	5
wsw	1.9	1.8	-4		1							4.3	4
w	2 7	4 1	1.5		•							8.8	- 5
WNW	2.1	4.0	1.7	100	. 2							11.5	
NW	2.4	6.6	4.7	2.3								16.0	6-
NNW	1.0		3.3	1+3								12-1	
VARBL													
			$\overline{}$	$\overline{}$							$\overline{}$		

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

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- E		

GLODAL CLIMATOLOGY BRANCH USAFFTAC AIR JEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12808	KSC SHUTTLE APT FL		YEARS	FF II
		ALL WE THER		<u> 1600=0500</u> HOUR (CR.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
2	2.8	3.0	1.5	lai	.2							8.6	5.4
NNE	4	. 7										1.3	5.0
NE		6							L	!		1.1	4.2
ENE		7					<u> </u>					2.1	5.7
E	1.6	1.2	6							i		3.7	4.4
ESE	-6	Lal	. 7									2.6	5.9
SE		7	1.1									2.7	5.7
SSE	7	6	9				i					2.2	5.5
S	9	1.9	3.3	2.2					L			8.4	8.3
SSW	1.5	1.3	1.4									4.4	5.2
sw	1.5	1.7	1.1	1								4.4	4 a B
wsw	1.3	g	- 4									2.6	
w	3.1	2.6	1.2	نظم	4							8.0	6.2
WNW	2.7	3.5	2.1	1.7	1							10.2	6.4
NW	2.4	7.1	6.7	3.4								17.5	6.9
NNW	3.4	4.6	3.2	2.1								13.1	6.4
VARBL													
CALM	\times	\times	\times	\times	\times	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	7.1	
	24.8	32.2	22.9	12.2	8							100.0	المح.

TOTAL NUMBER OF OBSERVATIONS

GLOUND CEIMATOLUCY BRANCH USAFETAC AIR SEATHER SERVICESTAC

128 H KSC SHUTTLE APT FL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					ALL WA	LASS THEFT						DAU	(11.1.)
					COM	DITION							
									·			 	
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	ME/ WIN SPE
N	, 2	1.5	4.0	5.1	5							12.3	10
NNE	1	1 2			1			!	1	1		3.2	
NE	•	1 1	- 5						1	!		1.2	6
ENE	, * .	5	1 2	•1				1				3.1	
E	1.0	1 2	1 2							1		- 4.0	
ESE		- 4 4 6	1 1									3.0	
SE		- • •	1 7	1-1				1		1		3-3	- 1
SSE	-	- 5	1 5	4 .				T				3.1	
5		3 7	2 7	4 7		,						10.6	
S5W	4	1 1	1 . 5:	1.3	2			1				6.7	
5W		1 1	1.8	1-1								4.0	
wsw		1.8	1.2			V 4						3.8	
w		2.0	9	- 4	.6	- 1		I				5.3	
WNW		1.4	2.0	3.4	- 2							8-2	
NW	-5	1.3	4.4	3.4								11.9	
NNW	1.2	3.0	5.3	4.0	6					1		14.1	
VARRI									T	1			

TOTAL NUMBER OF OBSERVATIONS

266

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.45

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GLOBAL CLIMATULUMY BRANCH USAFFTAG AIR PEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

28cs	_ KSC	Shulle	STATION NAME 7179 STATION NAME YEARS									F F S		
		_				ALL WE	THEK						1200	-1400 (CI.T.)
		_				COM	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	. 7	2.0	6.4	6.9	1.7					1		17.6	10.5
	NNE	. 1	. 8	3.8		1							5.8	6.8
	NE	ا که	2.5	لعوا									4.7	601
	ENE		2.2	اذوا									3.9	5.9

(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	WIND
N	7	2.0	6.4	6.9	1.7							17.6	10.5
NNE	. 1	. 8	3.8	• 9	1		L			i		5.8	6.8
NE	5	2.5	1.0						Ĭ		1	4.7	6.1
ENE	• 1	2.2	ذ و 1									3.9	5.9
E	• 6	6	3.3						T			5.1	7.7
ESE	• 1	. 5		که ه			1			Ī	Į .	3.8	8.7
SE	1	2	2.4	1.7								4.5	10.0
SSE	2	1.3	3.4	3.9								9.5	10.6
S	2	9	2.2	3.9	5			İ.				7.8	10.9
SSW	1	. 4	1.2	1.1	6			}	<u></u>			3.3	11.5
sw	. 2	. 8	1.2	1.9								4.1	9.4
WSW	1	1.6	1.7	1.1	2							4.5	8.9
w	- 4	اتمد	1.5	2.4	4		<u> </u>		<u> </u>	<u> </u>		6.1	10.3
WNW	4	8	2.6	1.3	- 4	1						5.6	9.4
NW	5		خمت	1.3				<u> </u>	L			4.1	9.4
NNW	4	9	2.1	4.5	1.1				L			9.0	11.5
VARBL							L						
CALM	>>	$\geq <$	$>\!\!\!<$	>>	$\geq \leq$	><	•6						
	4.7	17-6	39.0	32.2	5.8							100-0	9.7

TOTAL NUMBER OF OBSERVATIONS

846

USAFETAC 108-4 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOSAL CLIMATULURY SPANCH USAFTJAC AIR EATHER SERVICE/MAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

KSC KSC	SHUTTLE	APT	APT F1 70=79 YEARS										
	_				ALL WC				1200	1700			
					CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	-	2-6	6 1	7.4	, c					 	 	17.7	10.2
NNE	- 4.5	3.2	_ <u> </u>	1 1								8.4	7.3
NE	1 3	2.0	1 - 3		•							4.5	5.3
ENE	1	2 4	1 2	,						!		4.5	5.0
E	1	2 4	2.7	-								7.1	6.2
ESE	1	2 7		• •								6.1	7.4
SE	1	- 0		1 6								7.7	8.3
SSE	9	1 5	3.2	1-4	ن ن					1		9.6	9.8
\$	1 -3			4-1	1					 		4.1	10.2
5SW	1	- 2	104	- 0	•	+1						2.0	10.3
sw			3 6		- 2							4.6	9.7
wsw			4.5		4							2 a B	10.0
w	1	1.2	1.0	3.3	2	1						7.0	10.4
WWW			1.3		5	- v l						3.9	10.2
NW	2		- 3	- 4-1								2.5	3.9
NNW	1 77	-0	1 . 2	2.5	5							6.9	11.2
VARBL	7 -		4+0			······································				 -			
CALM	\searrow	$\geq \leq$	$\geq \leq$	\times	\times	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	\geq	><	•6	
	F 7	24.2	27.6	78.3	2.2							100-0	9.9

GLOBAL CLIMATBLORY BRANCH USAFRIAC AIR GEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1260E STATION	KSC SHUTTLE APT FL STATION HAME	7, -79 vian	WONTH
	ALL	WE THE	1800- 000 HOURS (LS.T.)
	c	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 33	34 - 40	41 - 42	40 - 55	≥ 56	`	MEAN WIND SPEED
N	401	اغاد	4.0	2.4								14.9.	عدد _
NNE	2.1	ظمل	. 5				<u> </u>					4.8	4.2.2
NE	1.2	1.7	. 2							1		لعق	3.7
ENE	2.0	. 9	e Ći									3.5.	4.2
E	2.0	2.2	3.				:			•		5.1	4.5
ESE	3.2	2.0	.9					!				6.31	4.2
SE	1.9	2.8	2.5					1				7.9	معد
SSE	1.7	3.7	3.9	2.0								12.1	7.5
S	. 9	2.5	1.1	- 00								5.1	5.0
SSW	.7	. 7	. 4	- 4						1	1	2.1	5.7
sw	2	. 4	. 7									1.5	7.3
WSW	اد	.6	1.5		- 1		1				<u>_</u>	3.4	9.4
w	1.2	1.5	2.1	1.9	- 4			1				7.1	6.4
WNW	-1	1.4	1.1	1.1	. 1				1			3.9	.9.2
NW	7	1 1	1.3					1		1		3.7	هما
NNW	- 7	3.0	3.3	1.9	. 2			1	1	1		9.1	2.2
VARBL	-		383				† · · · · · · · · · · · · · · · · · · ·	1	1	1			
CALM	\searrow	> <	\times	\times	> <	>	>		\bigcirc	$\supset \subset$	><	6.4	
	23-0	30.0	25.9	13.7		1						100-0	_6.2

TOTAL NUMBER OF OBSERVATIONS

GLUBAL CLIMATULURY REATION USAFETAL AL ALEATHER SERVICE/MAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOITATA	K>C.	Smittle	APT	N NAME			7.,	19	,	EARS			<u></u>	POWAK L
						إلا الم	THE						_210U	2300
											<u> </u>			
				··-			DITION							
_		11			 -			·	,					
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N	2.4	- 3.0	2.2	1.4								2.3	5.9
	NNE	1.3	i_4	5							1		3.3	5.1
.[_	NE		6				·						2.0	5.1
L	ENE		1	1									1.3	401
L	E	1.5		1.1									3.7	5.3
_	ESE	1.5		102		 		·	· 				3.9	5.2
L	SE	1.3	2.2	1.2		2			: •		<u> </u>		5.4	6.4
L	SSE	2.0	3.2	2.0	1-2		<u> </u>	·	•				9.2	6.3
L	S	2.4	-3-1	-3.3	1.0		L						10.0	3.0
1_	S5W	1-4		1	•1	 		1	!				3.1	4.7
L.	sw	1.2	1.2	1.1		ļ			 	L			3.4	5.2
L.	WSW		1.5	1.2	4	<u>.</u>							3.0	6.1
L	<u> </u>	1.00	301	3.4	2.4	4	 		·				11.0	7.8
L	WNW	1.1	2.2	1.8	1.4		 		<u> </u>				6.5	7.3
L	NW	1.2	2.7	2.0	1-1					l 			7.0	6.4
L	NNW	2.0	3.0	1.7	4.5								8.7	0.2
L	VARBL					Ļ	L		·	L				
	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$		$\geq \leq$	8.2	
L			20-0	24.0			l		3				100-0	E . 7

_		
	7	1

GLUBAL CLIMATURDOY SPANCH USAFFTAC AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

128gs	KOC SHITTLE APT FL STATION NAME	71,=79	YEARS	FF3 NONTH
	**************************************	ALL ME THE.		HOURE (L B.T.)
		COMDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	2.1	- 5	3.0	- 3.1	4							11.7	8.3
NNE		1.3	1.2		Ü							3.8	6.2
NE		1.2	اناه									2.4	5.2
ENE		1.0	. 6									2.7	5.4
E	1.0	1.6	1.4									4.6	5.8
ESE	1.0	1.2	1.4									4.0	
SE	9	1.2	الاما	. 7					<u></u>			4.7	7.2
SSE		امدا	2.4									6.8	5.4
5	1.1	2.2	2.7	2.4	1		!					3.2	E . 0
SSW	1.0	1.0	امرا		i			!				3.7	6.8
sw	7	1.3	1.2		-0			1				3.9	7.0
wsw	ند	1.4	1.0		- 1			1	1			3.7	-649
w	1.0	2.6	افعلا	1.6								8.0	7.0
WNW	1.3	2.4	1.8	1.7	2							7.4	7.7
NW	106	3.2	3.0	1.9	0							9.3	7.4
NNW	1.4	لمنقب	ا قوح	2.5	3							10-1	8.1
VARBL										Ĺ			
CALM	$\geq \leq$	$\geq \leq$	><	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	><	4.8	
	17-4	24-6	28.8	18-4	1.9	,						100-0	7.6

TOTAL NUMBER OF OBSERVATIONS

GLODAL CLIMATOLOGY BRANCH OSAFT FAC AIR EATHER SERVICEZAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED 1 - 3 4 - 6 7 - 10 11 - 16 17 - 21 22 - 27 28 - 33 34 - 40 41 - 47 48 - 55 ≥ 56 7 N	-K-5-L	SHUTTLE	STATIO	N HAME				1.3		TEARS			
SPEED (KINTS) 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 48-55 ≥56 70 11-16 17-21 22-27 28-33 34-40 41-47 48-55 ≥56 70 11-16 17-21 22-27 28-33 34-40 41-47 48-55 ≥56 70 11-16 17-21 22-27 28-33 34-40 41-47 48-55 ≥56 70 11-16 11-16 17-21 22-27 28-33 34-40 41-47 48-55 ≥56 70 11-16 11-				·		ALL N	THE				_		-000
(KNTS) DIR. N N NNE 1 0 5 2 4 4 9 4 0 4 1 5 5 5 5 5 6 7 5 5 6 7 6 7 7 7 7 7 7 7 7						сон	(DITION						
NNE	(KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 · 33	34 - 40	41 - 47	48 - 55	≥56	*
NRE 1 0 5 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N		1 9	1.9									542
ENE 1 2 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	NNE				- 4								2.2
ENE	NE	4							1				1.0
E	ENE		1										2.5
SE 2-4 3-9 3-0 3-1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	E	1.4											5.4
SE 2 4 4 9 3 0 4 1 1 8 4 1 1 8 1 1 1 1 1 1 1 1 1 1 1 1	ESE	1.7							i				7.0
SSE 2 2 3 7 2 5 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SE	5 4							1				10.
S 2.0 4.2 3.7 1.1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SSE	5	,		, ,								9.
SSW 1 2 2 0 1 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	5	3				1							110
SW 1.5 2.0 .8 .4 .1 .1 .61	SSW	1 3					• •		ļ				6.
W 1.5 3.0 3.3 1.2 1 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	sw		2.0				L						6.1
W 1.5 3.0 3.3 1.2 1 9 WNW 6 1.4 1.8 5 1 4 NW 1.2 2.2 1.1 6	wsw	1 1		0					<u></u>				60
WNW	w	1-5		3.3	1					l •			9.
NW 1-2 2-2 1-1 -6	WNW	6	1.4	1 - 8					[! !			4.
	NW	12	2.2							L			5.
	NNW		5	9					L				6.6
VARSL	VARBL												
CALM	CALM		><	><		><		><			\rightarrow	$\overline{}$	6.

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLUSY BRANCH USAFFTAC AIR FEATHER SERVICE/MAC

12868 KSC SHITTLE APT FL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					cı	A88						**
	_				CONI	DITION						
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*
N	1.7	1.2	1.0	1.4	. 1			1				5.
NNE	104	. 5	. 6							1		2.
NE	.3	- 3						[
ENE		1.0	. 4									2.
E	1.4	2.4	1.3									5.
ESE	108	3.7		- 4								6_
SE	1.6	3.0	1.0	2				i				6.
SSE	1.9	3.1	1.4				·	l 				7.
5	3.3	9.0	2.2	ب م	2	- 2						10.
SSW	اقوا	3.0	1.9	1.0	-1							7.
SW	1.4	-2.0										- 4.
wsw	2.0	1.8	9			1		ļ	<u> </u>			5.
w	1.9	302	1.2				 .					6.
WNW	2.0	2.7	- 9	4				ļ	ļ	ļ		
NW	2.3	3.1	2.5	leu								8.
NNW		2.3	6									4.
VARBL	-											
CALM	\sim	\sim	\sim	\sim	\sim	\sim	><	\sim	\sim			8.

TOTAL NUMBER OF OBSERVATIONS

GLUBAL CLIMATOLUCY BPANCH USAFCTAC AIR "EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12408	KSC SHUTTLE APT FL 71-79 YEARS	MONTH
	ALL SE THE	OCOU-CHOO
	COMPLICATION	
	·	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.2	1.3	لما	1.5								5.7	- 60
NNE	- 6		اند									1.9	. 5.
NE		6	1									1.5	3.
ENE		1.0										2.0	5
Ē	1.3	1.3	1.3	- 4								4.5	- 6.
ESE	1.4	2.7	1.6	2								5.5	5.
SE	7	4.0	1.4	- 6			i	,				6.2	5.
SSE		1.0	1.5									5.0	_6,
S	2.8	4.0	200	1.0	1							10.7	_6
55W	i g	1.7	2.2	1.2								7.0	_ 6.
sw	1.4	2.3	9									5.0	54
wsw	1.7		- 4									6.1	_ 4
w	2.5	2.4	1.6	- • •	1							7.1	- 5.
WNW	1.3	1.2	9					ļ]		3.6	5.
NW	3.0	4.6	2.4	1.4		<u></u>						11.4	
NNW	1.9	2.9	-2.4									7.7	6
VARSL													
CALM	$\geq <$	$>\!\!<$	$>\!\!<$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$		><	10.1	
	26.0	32.8	21.2	9.4	2							100-0	

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATULUSY BRANCH USAFETAC AIR NEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12868 STATION	KSC SHUTTLE APT FL	74=79 VEAPE	MONTH
	ALL II	E. THEA	0300=1100 HOURS (CS.T.)
	co	NOITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N i	. 3	1.2	3.1	3.7								8.5	10.1
NNE	2	1.0	1.5	1.0								3.7	7.8
NE	4	1.3	1.2	- 4								3.3	6.9
ENE	. 4	1.0	• 6	1.3								3.3	8.4
E	3	1.7	3.2	1.6								6.9	Bal
ESE	. 4	1.8	3.9	1.7								7.8	8.3
SE		1.0	3.3	1.3								5.9	8.4
SSE	4	1.0	2.7	3.0	1							7.4	9.6
\$	1	L d	6.2	4.8								13.1	9.6
ssw	3	- 9	3.0	3.1	1							7.4	10.2
sw		1.0	2.0	1.9	3							5.3	9.9
wsw		9	2.0	1.2								4.1	B. B
w		_1.1	1.7	1.7	.2							5.5	8.9
WNW	-3	1.2	ä	6								2.9	7.1
NW	4	1.2	1.5	2.5								5.7	9.6
NNW	- 4	1.7	3.1	2.3	1							7.6	8.9
VARBL													
CALM	$>\!\!<$	$\ge $	$>\!\!<$	><	\times	$>\!\!<$	$\geq \leq$	1.5					
	5.3	19.6	60.0	32.4	1.3							100-0	-848

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATELEGY 52ANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12866 KSC SHITTLE APT FL 1200-1400 HOURS (LS.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		8	3.5	6.5								10.9	11.
NNE		1.8	4.3	2.2						1		8.3	9.
NE		1.4	1.9		1					!		3.7	7
ENE	3	1.1	1.5	1.2								4.1	B.
E		2.4	3.2	2.3								8-1	8
ESE			3.2	2.4			1					6.3	9
SE		1 7	4.4	3.7								9.8	
SSE	,	1 0		8.8	2		!	 	İ			16.9	10
S		1.0	3.2	3.1	-3							8.5	9
SSW	-2	-		:	3							3.1	10
sw				1.3	- 2	· · · · ·						4-2	
wsw				2.9		• •						4 3	12
w							· · · · · · · · · · · · · · · · · · ·		*- 			5-2	15
WNW		- 3 - 3	-1+3	1.5	1.0							1 302	-10
NW			1.0	1.0								1 203	
NNW									·			2.6	6
VARSL												1.8	9
		$\overline{}$		$\overline{}$							<	 	
CALM											\geq	•2	
		15.0	30.0	41.3								100-0	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC AR 44 0-8-5 (QL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLUBAL CLIMATULUSY BRANCH USAFFTAC AIR MEATHER SERVICEMMAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12858 STATION	KSC SHUTTLE APT FL BEATIN HAME	7:-79	YEARS	NA.A.
		ALL WEATHER		1500-1700 HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		.2	2.8	5	4							8.9	1105
NNE		1.1	3.9	_ lau				i				7.2	9.7
NE	. 4	1.8	2.0									4.8	6.6
ENE	- 2	1.4	1.7	1.4								4.7	8.
E	- 2	3.7	7.0	1.4								12.3	7.
ESE		2.5	6.8	1.6								11.4	A
SE		1.7	5.7	4.4								11.9	9.
SSE			ومز	9. 3	- 4							16.5	110
S		. 3	1.8	1.7				i .				3.9	10
SSW			3	ذ و	- 1	- 1						1.1	120
SW	. 1	. 1	. 5	1.7	- 2							2.7	124
wsw		2	1.4	1.0	1.1							4.3	13.
w		. 3	1.8	2.7	1.0							6.1	124
WNW			. 4								1	. 9	-10.
NW			- A	4	. 1							1.3	_10.
NNW		. 3	- 4	- 4								1.2	9.
VARSL									1				
CALM	\searrow	>>	$>\!\!<$	> <	> <	\times	> <					.8	
	1.9	14.6	43.9	35.2	3-4	3						100-0	- 9.

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLUCY ERAMON USAFFTAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

KSC_St	UTTLE	APT F	MAME				-79	 ,	YEARS				1A it
					ALL A	THER						1800	<u>}⇔≥()(().</u> • ((.•.1.)
	-				CON	DITION							
								,					
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		2.3	3.6	2-1	2							8.6	do
NNE	- 4	2.1	106					1)	4.4	ا د ک
NE	1.5	1.5										3.4	40.
ENE	1.1	1.7			1		i			[4.2	60
E	1.7	4.9	1.7									10.3	40.
ESE	2.6	4.4	3.7	2								1101	5.
SE	1.7	4.6	4.5	1.7								12.5	_6.7
SSE		3.6	8.3	3 1	2							15.9	8.4
S		2.8	3.4									7.5	
SSW	- 2		6									1.2	601
SW		45										1.8	
wsw	- 2		1.7		- 1							4.1	10.
w		1.7	1.8	2.5	4					L		4.4	
WNW	- 2	اه	3									1.8	7
NW		2	- 4										7.
WMM		1	- 6	1								2.5	5.
VARBL		***		- V			L						
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	3.2	
	44-8	_33_1	33.0	14.2							L	100.0	
					,,,,				TOTAL NU	MBER OF OBS	ERYATIONS		92:

GLOBAL CLIMATOLUGY BRANCH SURFACE WINDS USAFFTAL AIR PEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 1280S KSC SHUTTLE APT FL ALL WENTHER SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 1.8 NNE 1.0 1.1 3.7 5.9 NE 1.4 2.3 4.1 ENE E 2.9 6.6 5.4 1.4 ESE 2.0 3.9 9.1 5.4 SE 10.0 2.7 2.0 SSE 12.0 1.9 3.3 6.4 12.8 2.8 1.4 -4 SW 6.0 1.9 3.0 WSW 1.9 5.1 104 ۵۵ - 9 2.7 9.0 ٥٠٥ WNW 3.1 6.6 NW 1.2

USAFETAC FORM (A 64 0-8-5 (OL-A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

عمد

VARBL

CALM

The second secon

TOTAL NUMBER OF OBSERVATIONS

3.3

6.0

100-0

5.7

GLORAL CLIMATULDGY BRANCH USAFFTAC AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12855	_ <u>K>C</u>	SHUTTLE	APT I	H WAME			 70	.19		YEARS			- <u>k</u>	A .
		_				ALL wil	THE							(0.1)
		-				CON	DITION							
	SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N	1	, ,	7	3 13				 	 	 		7.6	8.9
	NNE		1.3	2.5	2.7	. 2 . C			+		1		4.2	7.5
	NE	••	-			c					<u> </u>		2.6	.5.7
	ENE	1 7	***	H.	-	0			 				3.3	5.7
	ŧ	1 3	2.7		• • •				 		† 	·	7-6	
	ESE	1		2.6	1	1					1		3.2	6.6
	SE	1.4	2.9	3.0	1.7				 				9.2	7.2
	SSE	1				,					1		11.2	Bob.
	5	1 6	2.5	3 7	3.5				1				0.0	7.0
	SSW	100	1 3	1.3	1.0	-			1				4.6	7.7
	sw	11	1 3	c							ļ		3.9	Bel
	WSW	+ + +	1 1	1.2		2	- •0						4.5	8.2
	W	1.0	1.0	2.0	1-6	4	•()						6.9	8.3
	WNW	7	1.0		5					i			3.2	6.8
	NW	- 4	1.5	1.2		-0							4.6	7.0
	NNW		1.5	1.1	7								4.1	6.9
	VARBL													
	CALM		$\geq \leq$	\boxtimes	\mathbb{X}	\times	$\geq <$	\times	\times	$\geq \leq$	\times	\times	4.6	
		18.0	24-0	31.0	10	1 2							100-0	7.2

TOTAL NUMBER OF OBSERVATIONS 742

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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nea deserv

GLUBAL CLIMATELUTY BRANCH USAFFIAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12863 STATION	KSC SHUTTLE APT FL STATION MARK	779	AP A
	ALL	THE CLASS	0000-0200 HOURS (L.S.T.)
	c	ONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	9		. 4	- 6								2.6	6.0
NNE	101	. 2						<u> </u>		<u> </u>		1.3	2.8
NE	102	1.0	1.2			<u> </u>				!		3.6	5.3
ENE	1.1		9							<u> </u>	ļ	2.3	6.3
E	1.9	1.9	4.1	200						1		9.9	7.5
ESE	1.4	2.6				<u> </u>			 	ļ	ļ	8.2	6.8
SE	1.0	3.1	2.3	7						1		8.0	6al
SSE	2.0	3.7	2.7	2						ļ <u>.</u>	<u></u>	8.6	5.6
5	2.0	4.0	5.9	104		 -		 	 			13.3	6.9
ssw	9		1.9			 	·	 	 	 		5.3	5.8
SW	1.3	2.3	- 9		<u> </u>	 -	 -	ļ	 -			5.0	5.3
wsw w	102	2.4	1.1	- 4	<u> </u>	 		ļ		 	ļ	5.2	5.7
WNW	1.6	4.4	1.9		<u> </u>	 		 	 	 		8.6	5.8
NW	4	2-1	102	2								3.4	5.7
NNW		2.0		-4		 		 	 			1	
VARBL		1.9				 						4.4	5.7
CALM	>	$\geq \leq$	\mathbb{M}	\bigvee	\geq	\geq	\times	$\geq \leq$	\geq	\geq	\geq	5.9	
	21.0	36.8	28.8	ن و	1							100-0	5.8

TOTAL NUMBER OF OBSERVATIONS

GLOWAL CLIMATGLUGY BRANCH USAFFTAC AIR WEAFHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

一人并为 态。	- Kát	SHUTTLE	APT F	A HAWE			7.y=	79	 ,	YEARS				ionta
		_	·			ALL WE	THER						0300	<u> </u>
		-				CON	EDITION		·					
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N	104		1.1									3.2	5.3
	NNE		3	2									1.1	6.5
	NE		2	.7			,						1.4	5.1
	ENE	1.2	1.6	1.2	١	2	1						4.4	6.4
	٤	1.6	1.7	لمد	1.1								7.6	7.0
	ESE	1.0	2.0	2.9	1.2	1							7.7	7.0
ŀ	SE	1.4	2.6	2.4	- 1								6.6	5.6
	SSE	1.1	2.6	2.1	2								5.0	5.8
	S	1.7	4.7	1.9	ŭ								3.1	5.9
l	ssw	2.0	4.3	2.1			,						8.7	5.5
	sw	1.0	1.0		- 4								5.0	5.0
	wsw	i	2.0	1.2									5.0	5.0
ļ	w_	1	3 0	1.6		1	<u> </u>						10.1	4.6
	WNW	7	1.0	1.2			[4.0	6.0
1	NW	1.7	3.0		1.4	1							6.9	5.7
	NNW	2.0	2.6										6.1	5al
1	VARBL													
	CALM		$\geq <$	><	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$			><	7.2	
				3.	_								100 0	- 7

TOTAL NUMBER OF OBSERVATIONS

ULOSAL	CLIMA	ATULLAY	BOANC	j
USAFITA	16			
AIR PEA	THER	SERVICE	/"AC	

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1280	KSC SHUTTLE APT FL STATION NAME	70-79	YEARS	MONTH
		ALL ME THE	·	0000-0800 HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 · 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	1.7	8	1.3	1.1	.1					!		5.0	7.
NNE	- 4	.8	. 4					T		1		1.7	4.7
NE	- 4	. 7	• 2	• 1								1.4	نوق
ENE	.6	1.6	1.4	• 1	.2	. 1	i					4.0	7.
E	1.6	1.9	201	2.1					L			7.7	7.6
ESE	1.4	1.9	2.4	1.4							!	7.6	
SE	9	2.0	2.1								Ĺ	5.4	تم
SSE	- 6	1.1	2.2	ف م								4.2	6.5
S	2.2	3.8	2.9	let			L		<u> </u>			10.7	64
ssw	1.2	2.0	2.1	1.7								7.0	7.4
sw	1.2	افعل	1.3	<u> </u>			: 	!			<u></u>	4.6	5_6
wsw	1.4	1.2	1.8	6				·		ļ	1	5.0	نعاء
_ w	2.4	2.9		- 2				<u> </u>		L		6.3	66
WNW	2.2	1.6	7	- 2			<u> </u>					4.7	40.
NW	3.4	2.7	3.0	1.0			L	<u> </u>				9.9	_6.6
NNW	1.3	3.9	l.6	1.2								8.0	_6.4
VARBL													
CALM	><	><	><	><	><	$\geq \leq$			$\geq \leq$			6.9	
	22.9	30.2	26.4	13.0	4							100-0	

TOTAL NUMBER OF OBSERVATIONS

GEMANE GETMATULGMY BOANCH UGAFTTAG ATR EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

_ .K.SC 5	SideTTLE	STATION	MAME			7	79	,	EARS			·	HOM
					علل هزا	Title						DIOE	3
					CON	DITION							
SPEED (KNTS) DIR.	1 . 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	1
N	- 1	1.6	4.7	3.4	. 7 !					1	1,	9.7	ĺ
NNE		1.9	2.1	1.7						1		5.8	1
NE		1 0	1.8	2								4.0	
ENE	1	2 2	1 . 1	:	2							4.7	Ī
E			4 . 4	- L • 0						!		10.9	t
ESE	• 6	4.0	3.7	3 3								7.6	t
SE				3.2								4.5	+
SSE		ÿ	1.2	2.6				i		+		7.9	t
s		1 9	4 3	4-4	- 3					ļ — — 		11.2	t
ssw		1 0 1		2.7								5 4	t
sw	**	9	1 + 0		7					1		6.6	1
wsw	• 2	. 0		2.0	2							5.9	t
w				1.2					!	1		3.6	t
WNW		- 1.0		-6								3.9	i
NW		***	107							1		3 4	t
NNW		1 4	7	404						+		5.6	1
VARBL	•		- 2-1	2+1						i - i			ļ
CALM	><	><	><	\times	><	><	><	> <			><1	•6	1
	, ,	23.4	24.2	35.2	, ,			-				100-0	
	3+61	-57-01	-3043	- 3245,									_

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GLUSAL CLIMATHERSY BRANCH USAF: TAU AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Kac	SHITLE	STATION	I HAME			7179 YEARS							HONTH HONTH		
	-	ALL ME, THE CLASS										1200	1200-1400 Nouse (L.S.T.)		
	_														
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED		
N		3	1.4	4	. 8					!		7-4	12.2		
NNE	1	رو	402	3.0	-			1				9.0			
NE	- 4	1.2	2.00	4.				}				5.1	7.8		
ENE		2.2	3.0	1.8	. 1							8.0	8.5		
E		1.7	3.8	4.1								12.8	فملا		
ESE			4.4	4.4	1							10.1	10.2		
SE		1.1	4.7	4	,							10.8	10.4		
SSE	. 1	8	3.7	5.0	. 7							11.8	11.2		
S		. 3	3.1	2.4	1.1							6.8	11.5		
55W		3	(ا	1.0	1			}				2.3	1006		
sw			1.7	1.9	7			!				4.6	11.0		
wsw			1.4	1.	4				1			3.2	-11-0		
w		2	- 21	1.9								3.3	11.6		
WNW			- 4	7	1							1.6	10.1		
NW			- 4						L			1.0	9.0		
NNW		a	. 7									2.1	10-6		
VARBL									<u> </u>						
CALM	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	\searrow	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	•1			
	1.9	11.1	40.9	41.4	4.7				Ì	1		140-0	10-3		

GLULAL CLIMATULLLY BRANCH USAFETAC ALR FEATUER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY ORSERVATIONS)

		APT F	MAME			7		MOTEN.							
	_				ALL ME	THE						1500=1700 HOURS (L.B.Y.)			
					CONE	NOLTIO									
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED		
N		1	2.4	4-1)	3			i				6.9	11.0		
NNE		o o	2.4	3.1		• 1		-				7.1	10.1		
NE		1.6	-2.4									5.2	8.2		
ENE		2.8	3.4	1-4			,					7.9	7.7		
£	2	2	9.0	3								15-6	8-4		
ESE		346		200								13.5	8.8		
SE		1.7	8+3	301				 	 	 	i	15.5			
SSE			6.9	5.6		,		·				1303	10-0		
5			4.2	0.3								1104	11-2		
ssw		3	• #	2.3	2					 	[12.2		
SW			2	• •	-,3		,					-	10-7		
wsw			1 1	103	. 1		1			1		2 4	12-4		
w			***	1.0							,		10-7		
WNW				3.2	3							2-0	11-3		
NW				4 - 2			1			1		2017	12.0		
NNW								—	<u> </u>		 		9.0		
VARBL				*1							,		7.6		
CALM	>	\rightarrow	\leq	> 1	$\overline{}$	>									

TOTAL NUMBER OF OBSERVATIONS

GLUBAL CLIMATULDRY BRANCH USAFETAC AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u> K?C</u>	SHUTTLE	APT F	MANE			7:	-79		TEARS				HTHO
			·		ALL N	ATHER LASS						1800 Hoves) - 7
					COM	DITION							
SPEED (KNTS) DIR.	1 . 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 · 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MI W
N	-4	1.9	2.4	اغ د 1								-6.0	
NNE	- 6	1.8	2.4	6		2						5.6	
NE	-0	1.9	افو									3.5	
ENE	1.8	2.1	. 6									5.2	
E	3.0	4.0	نفو	1.0								13.8	
ESE	2.1	4.5	5.1	1.2								12.9	
SE	1.5	4.0	5.1	- 1.6							i	12.6	
SSE	1.8	4.8	5.8	4.1								16.5	
5		1.4	2.9	1.9	-1							6.9	
ssw		.2	3	7								. 8	
sw		3	2									1.0	
wsw		. 7	Loo	4						L		3.2	
W		9	1.7	1.0					[3.8	
WNW		- 4	1.1		2				<u> </u>	<u> </u>		2.3	
NW	2	2	1			[L			-6	
NNW	- 6	7	. 4						L	L		1.7	
VARBL									L				
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	3.7	
	13.9	29.8	36.4	15.0	- 3							100-0	

GLOBAL CLIMATULBOY BRANCH USAFETAC AIR -EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 2 B view	KSC SHUTTLE APT FL 75=79	ARS BONTS	
	ALL WILLIAM	2100=2 Hotel (L.1	<u> 2300</u>
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.0	1.0										2.8	
NNE		1.3	. 7	<u>`</u>								3.6	7.
NE	1.0	1 4	9									4.4	-5.
ENE	4		ÿ									2.6	- 6.
E		2.0	4.3	1 7								11-6	7.
ESE	2-1	2.9	5.1	1 .		<u></u>						11.2	_6•
SE		إندد	, 2	404			···	·		!		8.2	5.
SSE	2-4	5.8	ا فرمهــــــــــــــــــــــــــــــــــــ									16.1	7.
S	1 2			2.1	,					1		14.7	
5SW	2.7		4.6									2.7	5.
SW		7	101	•				·		<u> </u>			
wsw							······································			l		2.1	
w		- 1.0	9							 			7•
WNW		444	1.9	**								5.1	
NW			- 104						·			3.3	
WMM									<u> </u>	·			5.
VARBL	104											3.0	4
CALM		> <	$\geq <$	> <	> <	$\geq \leq$	> <	><	><		><	6.4	
	10.4	21.4	31.1	13.0								100-0	

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

GLBSAL	CLIMA	TOLOCY	BRANCH
JSAFFTA	-		
A I DE /	TLLE	CCC V TCI	E / 38 A C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ion .	Krc	SHUTTLE	APT F	MAME			7;:	.79	 ,	EARS			<u> </u>	P P P P P P P P P P P P P P P P P P P
					 -	ALL M	THER						HOUR	(1.1.7.)
						COM	DITION		·····					
														
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N	.7	- 8	1.6	1.9	. 2	·						5.3	9.1
Γ	NNE	.4	1.0	1.0	1.2	0							4.4	8.5
	NE	• 6	1.3	1.3	- 4								3.6	6.5
	ENE	. 7	1.7	1.7	. 8	.1	• (1)						4.9	7.3
[E	1.3	2.4	5.1	2.4								11.2	7.9
	ESE	1.2	2.2	4.3	2.2	- 0							9.8	7.9
	SE	1.1	2.3	3.4	2.1	G					1		3.9	7.9
Г	SSE	. 0	2.5	3.4	3.1	1			i		Ι		10.0	8.5

	13.5	26.2	33.7	21.4	1.4	L	<u> </u>		<u> </u>		<u> </u>	100-0	7.4
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq		$\geq \leq$	\geq		3.6	
VARBL					<	_	_	_	_	Ļ.,	Ļ		
NNW	9	1.4	1.0	-7			<u> </u>		<u> </u>		<u> </u>	3.9	64
NW			او	5				<u> </u>	1	<u> </u>	}	3.5	6.3
WNW	6	_1.1	. 9	5				<u> </u>	1	L		3.2	7.0
W	1.2	2.1	1.4	. 9			ļ	<u> </u>	<u> </u>		<u> </u>	5.7	امک
WSW	. 7	1.2	1.4	-8			ļ			ļ		4.2	7.5
sw		1.0	_lal	ي و	2	<u> </u>	ļ	<u> </u>		ļ	1	3.9	8.1
SSW	5	1.3	1.2		1			1	1		<u> </u>	4.1	7.3
<u> </u>	1.2	2.0	3.3	2.1	2		ļ	<u> </u>			ļ	9.5	745
SSE	9	2.5	3.4	3.1			ļ	<u> </u>		ļ	ļ	10.0	8.
SE	1.1	2.3	3.4	2.1	0	<u> </u>					<u> </u>	3.9	7.5
ESE	1.2	2.2	403	2.2	0	<u> </u>		<u> </u>		İ		9.8	7.5
	1.3	2.4	-501	2.4		<u> </u>				<u> </u>	1	11.2	2_9

TOTAL NUMBER OF OBSERVATIONS 7196

USAFETAC $_{\rm JUL~64}^{\rm FORM}$ 0-8-5 (OL-A) previous editions of this form are desolete

e de sus au. 1 adjust (1901).

GLOBAL CLIMATULOTY BRANCH USAFCTAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1244B	KSC SHUTTLE APT EL	74=79 YEARS	<u> </u>
	ALL i	E THE	-0688-4350c
		ONGITION	

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	5	- 5	•5								2.8	- 60
NNE		9	1	- 3								2.0	5.
NE		5										1.3	3.
ENE	1.2	1.0	. 3			l						2.6	40
E	2.2	4 3	1.8	102		1						8.5	
ESE	2.3	4.6	4.8									12.2	مو مخـــــ
SE	1		3.1									8.7	5
SSE	2.5	4.0	1 2									9.3	_
5	2.4		3.0	1.2								1	
ssw	1.8	-3.6				 						14-1	54
sw		3.3	1.2	2								5.7	54
wsw	1.5	-1-3				<u> </u>						3.9	5.
w	1.9	- 1.7										6-4	4
WNW	2.6	-2-4	- 1.0			 						6.2	
	1-4	- 2-2	1+0			ļ.—.					 	A-6	
NW												1.5	54
NNW		1.2		2								1.8	54
VARSL	<u> </u>												
CALM	\sim	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	> <	\times	> <	$\geq \leq$	9.4	
	27.4	27.0	18.8	4.0	2							100-0	

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAG AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1286d	KSC SHUTTLE APT FL STATION HARE	7:=79	YZARS	HAY
		ALL NE THI		0300-0500 HOVER (L.S.Y.)
		CONDITION	, <u></u>	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	29 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	102	5	. 5	ده								2.5	5.3
NNE	. 4	5	.4	1								1.5	5.6
NE	1.4	. 3	.1						L			1.8	3.2
ENE	ذه	1.0	.2	[1.7	4.3
E	lad	3.5	1.7	1.2								8.3	5.0
ESE	1.6	3.6	2.0	2.5								7.8	5.9
SE	3.4	3.6										7.6	3.9
SSE	2.6	3.1	9	5								7.2	5.2
S	3.4	4.1	2.3	1.4	آم							11.2	6.0
SSW	2.7	2.4										5.5	3.7
sw	3.7	1.7	1.2						<u> </u>			6.7	4.1
WSW	2.2	2.9		- 2					<u> </u>			5.8	4.4
w	4.2	4.1	-4							L		8.8	3.9
WNW	iii	1.3	1.0									3.3	4.9
NW	2.2	2.0	3				<u> </u>					6.5	4.0
NNW	1.4	1.5	- 4		<u> </u>				I			3.5	4.5
VARGL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	12.0	
	22.7	35.0	12-1	51	2							100-0	_4.2

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATULURY BRANCH USAFETAL AIR MEATHER SERVICE/MAC

WSW w WNW NW NNW VARBL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

KSC_	Sauttle	APT F	I MAME		ALL WI	THE LASS	79		YEADS				YAY HTHO 1-0800	
	_					DITION						MG P RI	· (L.3.Y.)	
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED	
N	1 .	1 2	. 0	N			 				!	4.6	5.8	
NNE		- 5										2.6	6.7	
NE	- 5	B	- 2	, '								1.6	4.8	
ENE	9	1.1	1 - 4	• •								3-2	5.7	
E	1.9	3.1	2.9	1.6								9.0	6.8	
ESE	1.5	2.6	2.7			1						7.5	6.4	
SE	2 - 8	1.4	1.5									5.8	4.7	
SSE		LQ	2.5									6.5	6.7	
5	2-6	2.8	1.7	1.0								9.0	6.9	
SSW	1.4	2.6	2.0	4								6.5	601	
	#								T	1		1		

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLDEAL CLIMATULURY BRANCH USAFFTAC AIR GEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1286E	KSC SHEITTLE APT FL STATION HAME	7.0-7.9 YEARS	МОМТИ
	AL	PE THE L	0900-1100 HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. 1	1.0	1.5	2.0								4.6	9.1
NNE	1	6	1.7	2.0		L						4.6	10.1
NE		1.4	1.9	- 2							-	3.5	7.2
ENE	ا د مـــــــــــــــــــــــــــــــــــ		2.9	. 6			<u> </u>			<u> </u>		5.2	7.5
E	- 4	2.5	6.2	3.4					L	1		12.6	7
ESE	4	1.7	4.8	أذما			 	L		<u></u>	İ	8.5	Bac
SE	- 8	1.3	4.1	1.0						İ		7.1	7.7
SSE	- 2	1.4	3.2	3.7			<u> </u>			<u> </u>	<u> </u>	8.6	9.8
3	5	2.4	- d+4	2.7						<u> </u>		9.0	9.8
SSW	- 6	1.5	1.0	1.7	1			ļ		<u> </u>	<u> </u>	5.6	8.3
SW	2	1.8	3.0	104			<u> </u>			<u> </u>		6.9	8.5
WSW	- 4	2.3	2.4									5.8	7.1
w	5	2.3	2.5	- 5	2	<u></u>			<u> </u>			6.0	7.1
WNW		1.0	2.3	- +2			L					3.9	6.5
NW	- 3	1.1	1.7	-4					<u> </u>		<u> </u>	3.5	7.2
NNW	2	8	1.5	1.0								3.6	8.5
VARBL													
CALM	$\geq \leq$	$>\!\!<$	\times	$\geq \leq$	$>\!\!<$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	1.1	
	5.0	24.0	66.6	23.7	5							100-0	

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATGLUAY BRANCH USAFETAC AIR JEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12868 -	KSC SHITTLE APT FL.	71-79 YEARS	I A Y
		ALL SE THE	1200-1400 notice (L.B.T.)
		COMPLTION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
z	1	-,3	1.1	2.0								3.3	11.
NNE	• •	4	3.2	3.	6.							7.5	10.
NE			2.5	4								3.9	
ENE		1 6	5.6	1 3						l		8.6	8
E		2.7	14.2	5.8	1						1	24-0	
ESE	•		8.6	3.4								13.8	_ a
SE	• •	140	5.3									10.8	
SSE	•2	1.2		3.7								8.8	0.
5	• 2		4+2		1							4-1	9
55W	•1	••	1 + 45	4						<u> </u>		2.0	- 9.
sw		- 3										3.1	
wsw		- +3	1+0	4 4								1	
w			100									3-3	
WNW	▼ ₺			8								2.4	
NW		79		- +5								1.2	8-
NNW		3									<u> </u>	101	8.
VARBL				+6								1-3	9 .
CALM		\times	>	\sim	\sim	> <	>	\times	\sim	><		.4	
		14.0	52-6	30.3		<						100-0	

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

GLUBAL CLIMATULUSSY BRANCH USAFFTAC AIR SEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

-14-21	211:111	STATION	NAME				-79		EARS				HTHO
	_				ALL E	THER						1500	1-1700 (CET.)
	-				CON	PITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2	- 1	. 4	1.8	. 3						1	2.9	12.
NNE	. 1	. 4	2.4	1.9	.2							5.1	10.4
NE	- 1	. 8	2.9	خ	1							4.4	B.
ENE	. 2	1.3	4.7	103								7.5	
E		3.0	16.5	5.2								24.9	8.0
ESE		1.8	11.2	5.3						i		18.4	9.
SE	. 1	1.8	6.1	4.5	1							12.3	9.0
SSE	. 2	5	3.8	4.5								9.0	10.
S		- 5	1.5	2.2	. 2							4.7	100
SSW		5										1.3	6.5
sw		- 4	_ 3	- 2								1.0	7.0
wsw			. 4	9								1.7	9.9
w		2	. 5	1.6								2.4	_11=5
WNW	3		- 2	6	. 2							1.5	10.
NW			- 3									4	9.
HHW		3	. 6	1								1.2	7.5
VARBL													
CALM						~						. 8	

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

930

GLUBAL CLIMATULUTY GRANGS USAFCTAC AIR REATHER SERVICE/TAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 2 B O G	- -K\$C	Sautter	APT	HAME	<u>. </u>			79	 ,	rea mes				ONTH
						ALL #	LAND THE						<u>។ ដូលូដ</u>	-3000
						CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N													
	NNE	 	5	1.0	1.5		 						3.3	<u> </u>
	NE	-4	9	1.8	4+1				1				4.3	Bal
	ENE	1.0	1.7				·	L					2.9	4.5
	E	1-1-1-1	-4.7	1.9			ļ			·			5.1 19.0	5.8
	ESE	200	5-1		1-1-1				·	 			15.6	
	SE	204	5.7	7+1	10.5	2					 		16.0	
	SSE	2.0		5.4		1							12.6	8.3
	S	100	2.6	5.6	2.4								7.3	Be7
	SSW	•	1.0	1.0		1							2.8	7.5
	sw	- 3	2			-	,						. A	7.0
	wsw		- +6	- 1									1.6	7.8
	w	2	- 2	1.4									2.7	8.7
	WNW	4	- 1	5									1.3	6.9
	NW			3	- 1								4	10.0
	NNW	١	5	3									1.1	5.5
	VARBL													
	CALM		><	><	><	><	><	><	><	><	><	><	3.6	
		14.0	30.5	17.0	13_4	6	1						100-0	4 - 8

TOTAL NUMBER OF OBSERVATIONS

GLUDAL CLIMATULURY SPANCH USAFFTAC AIR BEATPER SERVICE/MAC

STATION HANE

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	~				ALL N	LASE						2100	1-23
	_				COA	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	49 - 55	≥ 56	*	ME WI
н	- 5	4		• •			,	} ;	}			2.2	
NNE	. 4	1.0	e Ó	, F								2.6	
NE	, Ó	1.1	• 2				1	!				1.9	
ENE	1.7	1.2	. 9				1					3.8	
E	2.7	4.6	3.3	. 9			1				· · · · · · · · · · · · · · · · · · ·	11.5	
ESE	2.7	5.9	5.5	a lu							·	14.8	
SE	ذ م 3	5.4	7.5	- 6			1					12.0	
SSE	2.7	5.0	3.7		. 1							12.1	
S	3.6	4.7	403	1.5								13.6	
ssw		2.2	1.4	. 2								4.3	
sw	8	9	اهد									2.6	
wsw	الام	5	ظه									2.4	
w	1.0	2.0	9									4.2	
WNW	- 4	1.0	5									1.9	
NW		8										1.3	
NNW	اق	3	- 2									1.5	
VARBL													
CALM		$\overline{}$	$\overline{}$								$\overline{}$	7.3	

USAFETAC FORM (0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

التقائق المعهم فهيد ومعتمل ويعتقي والمائي المائي والمائية والمائية والمائية والمائية والمائية والمائية والمائية

GLOBAL CLIMATOLDAY BRANCH USAFITAC AIR LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

-KSC	SEUTTL	E APT F	MAME			74,	79		YEARS				, A Y
	~				ALL #	The						- over	(6.1.7.)
	-				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7	-6	.7	1.2						 		3.4	2.
NNE	4	7	1.4	1.0	i							3.8	8.
NE		ن	1.1		0							2.7	. 6.
ENE		1	2.2						,			4.7	6.
E	1.3	4-0	6.7	2.5	-0			_				14.8	7.
ESE	1.6	3 3	5.0	1.7					1			12.3	7.
SE	2 - 4	3.0	3.6	1.								10.1	5.
SSE	1.4	2.5	ا دف	2.2	1							9.2	7.
S	1.9	2.8	2.6	l i								3.1	7.
ssw	l ic	1.7	1.2		0							6.3	- 6.
sw	l io	1.0	1.2			·						3.7	- 6.
WsW		1-4										4.0	
w	J	2.0	1.2									5.2	60
WNW		- 9	- 9							1		2.7	5.
NW		9	7						!	·	i .	2.3	5.
NNW		مُ										2.2	
VARBL				75					1	!			
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		5.5	
	16.7	27.8	34-0	15.5								100-0	_6.
		•				• 0			TOTAL NUA	ABER OF OBS	ERVATIONS		743

GLOBAL CLIMATULORY EPANCH OSAFETAC AIR REATHER SERVICEMMAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	SHILLS	BTATION	MAME				- 7.6		TEARS			•	ONTH
		······································	. _		ALL WE	THE						DOOU	(<u>-12</u>)
					CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEA WIN SPEE
N	الإه											1.0.	
NNE	.21	. 4										.8.	3
NE	• 4	. 2										. 4	4
ENE		. 6]		1.6	3_
E	2.1	3.2	201	1.04	1							8.7	6_
ESE	2.1	3.7	1.7		. 2		1		1			8.1	5
SE	2.9	2.0	.7				1	i	Ì			5.7	4
SSE	3.2	3.7	1.7				!					8.7	- 4
5	3.9	5.4	2.3									12.6	5
ssw	3.3	4.3	7				<u> </u>	<u> </u>	·	li		8.8	
sw	3.4	3.9	104	1.2			!					10.0	5
wsw	3.0	3.7	102				1		·			8.0	
w _	3.0	3.1	9					ļ —————	<u> </u>			7.0	
WWW	1.1						ļ	<u> </u>				1.9	3_
NW -						·		 	<u> </u>	1	·	1.3	3
VAREL	1.3											1.0	2
- 44				><	><	><	$\supset <$		$\supset <$		><	14.6	
•		والمستندة. مختلف	ا ا	A . A					<u> </u>			100-0	

GLOSAL CLIMATOLUCY BRANCH USAFRIAC AIR HEATHER SERVICENMAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

KSC SHUTTLE	STATION NAME			YEADS		— 	HONTH
-	····	ALL	C THE:			OSOL	1-05
-		co	NDITION				
SPEED (KNTS) 1 - 3 DIR.	4 - 6 7 - 10	11 - 16 17 - 21	22 - 27 28 - 33	34 - 40 41 - 47	48 - 55 ≥ 56	η ;; %	ME/ WIR SPE
N 1.4	- 3					1.8	2
NNE	9 01		*****			1.9	4
NE V4	7				· · · · · · · · · · · · · · · · · · ·	1.2	4
ENE		 	! *		<u> </u>	B-	4
2.1	4.7	1-1-4		· · · · · · · · · · · · · · · · · · ·		7.6	
ESE 1.6	1.7 -8	-6		·	+	- A.B.	
SSE 2.0	1.3	 	 	-		4.0	-4
SSE 1 - 7		+	· †	+	 	#- 3.9	4
2.5	3-4	 	.+		,	7.8	4
SSW 4.7	5.6 .7		4 · · · · ·	·	 	11.4	4
wsw 2-9	2.7 -1.06	 			 	7.8	5
wsw 3.7	4+0 1+3				 	9-1	4
Wante Good	5+2 -+4	 		+	 	10-4	3
No.		 	 	,	 	3-1 -	2
NAME OF THE PARTY		 		·	 	2-3	3
VARBL 2-2		 	† 	·	 - - - - - - - - - -	2.7	2
CALM	\times			XX		19.4	<u> </u>
3511	32.2 8.4	4				100-0	

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CB2

GLUBAL CLIMATULUGY HRANCH USAFFTAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12Bir	KSC SHITTLE APT FL STATION HADE	59-78 VIAN	WONTH
	ALL W	FUTHER	0600=0800 HOVES (U.S.Y.)
		MDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 · 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	2.4	1.0	4									3.9.	3.7
NNE	1											1.4	649
NE	1.2		7					<u> </u>	Ĺ		•	2.7	-40
ENE	1.0		1.3	1				!	<u></u>			3.2	5.6
ŧ	1.9	لقما	2.2	تما	- 1							7.3	-605
ESE	2.0	1.8	1.0									5.9	5.4
SE	1.2	7	.2		1			i 	<u>. </u>	·	!	2.7	_66
SSE	1.0	1.6		- 1					Ī		1	3.0	40
5	1.4	7.9	2.0				1]	6.9	60.
ssw	2.0	2.4	9	- 7		1						6.1	5.0
sw	2.4	2.8	2.7		.1							8.6	
wsw	2.2	5.0	3.1	- 3								10.7	5a
w	4.2	4.4	1.7	2								10.6	-44
WNW	1.9	1.4	.7	41								901	4.
NW	1.9	1.0										4.1	-3.
NHW	1.7	1.0										2.7	
VARBL													
CALM	\searrow	$\geq \leq$	\times	$\geq \leq$	\geq	\times	$\geq \leq$	\geq	\geq	$\geq \leq$	$\geq \leq$	16.2	
	20.2	30.8	18.1	5.0								100-0	

TOTAL NUMBER OF OBSERVATIONS

GEODAE CEIMATOECAY BRANCH USAFETAC AIR LEATHER RERVICEVIAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12848	KSC SHLTTLE APT FL STATION RANK		- Souri
	ALLaf	ATHE.	0900=1100
	COM	DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEA! WIN! SPEE!
N	4	1.0				1						2.1	
NNE		1-6	2.5							1		4.9	
NE	1 1	2.9					1	**************************************		-		5-7	
ENE			3-1	+6			1					6.6	
E	**	4.2	1	2 1	2	1		1		; 		11.3	
ESE	1 (2.4	200	201		1	1	-				7.9	- 7
SE	100		1.0	3		 						1	
SSE	•	2.0	2.8	1	-				 			5.6	
5		1	2.7		,		† 	1		·		8-1	
SSW		2.6		-7		 			<u> </u>	1			
sw	3	1-3	2.0						 			4.7	
WSW	1 1	2.0	2.9	1.0		1		ļ	ļ	r		6.0	
w		3.6		100								9.6	7
WNW	- 200	4.8	***							 		10.4	
NW	1.0	2.0	1-2	* 3			<u> </u>			 		3.9	5
NNW		,	404	,						· †		3.8	_ <u>_</u>
VARBL		1.0		**		†	 			; <u></u>		2.2	5
CALM	\searrow	$\geq \leq$	\times	> <	> <			><		>	> <	2.2	
	11.2	27.7	25.0	12.0	1.0							100-0	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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4.

GLUBAL CLIMATULUMY SPANCH USAFFTAC AIR REATHER SERVICE/MAC

12863 KSC SHUTTLE APT FL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		J										_	
	_				ALL M	THEL						1200)=14() *(L**)
	_	_ -			con	(DITION							
	-												
SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥ 56	*	MEAN WIND SPEED
N		- 4	- 0	- 4		i				-	 	1.6	B.
NNE		1.0	3.0	1.11		<u> </u>	†	<u> </u>		T	!	5.4	8.0
NE	. 1	1.6	404	102		1					 	7.8	8.
ENE	1	2.7	2.9	1.7				† 		1		10.3	8.
E	7	5.4	13.4	3.6		1	·		1	†	1	23.3	Ba
ESE	- 3	2.7	5.7		-				1	-		14.6	B.
SE		1.3	4.4	2.6	. 2		1	 	_ _	1		8.2	Bai
SSE	3	2.1	401	1.4				i		1		8.0	
5	.0	1.0	201	9	.1			1		1		4.7	7.8
SSW		-6	.7	· v								2.1	9.9
SW		- 8	le6	. 7	. 3							3.3	9.4
WSW	-2		1.8	1.4								4.2	9.2
w	4	9	1.2	. 9								3.4	8.0
WNW	2	. 6	7	- 2								1.7	7.1
NW	. 2		2									-4	Sa.
NNW		2										4	5.
VARBL												1	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

44 10 1

GLOBAL CLIMATULUCY BRANCH USAFFTAL AIR FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12#nia	- -<>C	SHUTTLE	APT	MANE .			64	78	- ,	IEARS		<u>.</u>		- ta
		_				ALL »¿	LASS THE		··		_		<u> 1205</u>	1.700 (3.7.)
		_				CON	DITION		<u> </u>					
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N	†										 	1.2	6.8
	NNE	4	9	1.6	1.0				4		:		3.9	B.U
	NE				7				1		1	1	4.6	8.0
	ENE		1+0				1		T		!	1	7.9	7.9
			7 7	12 6	1.0							 	21.1	B.H
	ESE	**	2 0	12.4	7 0	-	 	!				 -	18.6	8.2
	SE			11.9	2.0		 				 		13.8	8.5
	SSE	-	1 0	8+3	3-1							!	9.2	8.6
	5			4+0			 		i	 	 		5.4	8.2
	SSW		106		100						1	 	2.3	7.1
	SW					3		· · · · · · · · · · · · · · · · · · ·			†	t	3.3	8.9
	WSW			100					!	 		<u> </u>	3.3	9.6
	w		1.0							1	<u> </u>	 	1.9	7.5
	WNW		• •		• •						<u> </u>		9	8.0
	NW	<u> </u>		2			 				1	i	• •	
	NNW	1	**	-2						 	 	 	1.0	7.8 7.0
	VARBL	+2			+2						†			
	CALM		$\overline{}$		$\overline{}$	\sim							1.1	
	ļ		$\overline{}$	\leftarrow	\sim	\sim					\leftarrow	\sim		

USAFETAC FORM ARE 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

064

...

TOTAL NUMBER OF OBSERVATIONS

44.5

GLOBAL CLIMATOLLSY BRANCH SURFACE WINDS USAFFTAC AIR MEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) KSC SHUTTLE APT FL 1800-2000 HOURS (LE.T.) ALL MENTHER MEAN WIND SPEED SPEED (KNTS) DIR. 1 - 3 7 - 10 11 - 16 N 1.9 5.1 NNE -4 1.7 - 3 2.2 5.1 NE 1.0 3.7 5.0 1.0 1.7 ENE 3.4 1.6 4.6 E 2.8 3.2 200 13.2 7.2 2.0 ESE 5,8 13.9 لعم 304 SE 5.9 4.1 11.9 Sel -4 SSE 6.6 14.2 1.9 5.7 5.2 Les 5 604 2.4 3.0 4.6 1.0 11.0 2.1 5.4 SSW 1.0 1.6 6.4 . 8 7.4 SW -7 5.1 WSW .9 2.6 ٠ò. 5.7 -8 2.3 WNW 4.0 NW 4 1.1 7.2 6.3

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5.6

TOTAL NUMBER OF OBSERVATIONS

VARBL

C

GLUBAL CLIMATULUMY BRANCH USAFFIAC AIR FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7.6	<u> </u>	STATIO	MAME				-78		TEARS				HONTH
	_				إساند	THE						2100	2300
	_				COM	IDITION							
	_									_			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0		- 1						-			1.7	3.5
NNE	- 6	- 2								-		8	2.0
ME		7	. 2									1.0	_5.0
ENE	1.2	1.6	6									3.3	6.5
E	1.4		4-1	1.6	2							10.3	7.0
ESE		5.0	2.0			<u> </u>	<u> </u>					10.9	4.7
SE	2.4	4.7	1.7									9.2	4.9
SSE	3.0	3.8	2.4									9.4	5.0
55	- 4-1	5.6	3.0					ļ				13.2	5.1
SSW	2.4	3.0	1.4					<u></u>	ļ			7.2	5.1
SW	2.2	2.4	1.0	4								7.0	5.6
WSW	1.7		9									4.3	4.4
W	1	2.0										4.2	4.4
WNW	1.0	- 8				L			l			1.8	3.3
NW	- 3	- 2	1									7	4.2
MMM		- 2										1.0	3.7
VARBL				· ·									
CALM		\times	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	13.9	
L		36-0	10.3									100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

T

GLDBAL CLIMATULOGY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12868 STATION	KSC SHUTTLE APT FL	53-78 TEARS	- iUiu
	ALL	HE THEN	HOURS (L.B.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	اين	5	. 3									1.9	4.6
NNE	.4	. 9	1.0									2.7	6.7
NE	4	1.2	Lob									3.3	6.7
ENE	• •	1.6	2.1	. 4								4.8	6.0
E	1.6	3.5	5.6	2.1	.1					1		12.9	7.6
ESE	5.1	3.2	403	1.1	. 1					1		10.6	6.9
SE	105	2.5	2.0	- 40	. 1							7.5	5.7
SSE	1.5	2.7	2.7	b						1		7.7	د مک
S	2.1	3.1	2.5		.0		•0			1		8.7	
SSW	1.3	2.5	100		.0				1			6.0	5.7
SW	1.6	2.1	1.00		1			 		 		5.4	5.5
wsw				- 7	- 0				}	1		6.5	
w	1.6	2.6	1.0							t			6.0
WNW	2.0	2.7	1.2					 	 	 		6.3	5.0
NW	1.0								 	 		2.2	
NHW	7	7	3							 		1.8	4. _
VARBL									 	 		1.5	
		 										L	
CALM	$\langle \rangle$	\sim	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\langle \rangle$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	9.2	
	20.5	31.0	29.1	9.6	5	3	9					100-0	

TOTAL NUMBER OF OBSERVATIONS

GLUBAL CLIMATULUSY BRANCH USAFFTAC AIR GLATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12Hos	K\$C	SHUTTLE	APT F	NAME			- 69	-78_		TEARS				IU) HORTH
		_				ALL b	THEA						_000 000	-0200 (C.T.)
		_				CO	HOITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	*	MEAN WIND SPEED
	N	1.4	2					i					1.5	3.0
	NNE	3	1										- 4	2.3
	NE	- 3	1										. 4	2.5
	ENE	, b											1.8	5.3
	E	1.9	2.5	1.1									5.6	4.6
	ESE	2.0	1 2	_ 1.0	1								6.5	4.5
	SE	1.1	2.2	ن									4.8	4.4
	SSE	3.2	- 3.4	1.0					:				7.6	4.2
	S	4.5	11.8	2-5									16.8	4.7
	SSW	6.5	7.5	1.0									14-0	4.2
	sw	4 5	-2.7	- 0									8.1	3.9
	wsw	2 2	2.0										5.6	4.2
	w	1.5	₹,7	6									5.3	_4.4
	WNW	1.0	5										1.5	3.1
	NW		¥2										1.4	2.7
	NNW	1 2 2	2						1					2.6
	VARBL	•												
							~						+	

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATULGRY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1280R	KSC SHUTTLE APT FL	59-78 YEARS	MONTH
	ALL	WE THEK	0300-0500 HOURS (L.S.T.)
		СОМО)ТІОК	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.0											1.2	2.5
NNE	1.0	2			L							1.2	3.0
NE	. 4	1		1								-6	4.7
ENE	- 4	1.0										2.2	5.4
E	2.0	2.6	1.2	4.1						}		5.9	4.7
ESE	1.5	1.6	- 5									3.7	6.1
SE	2.7	1.2	- 2				1					6.3	3.7
SSE	1.4	2.5	5								,	4.4	4.2
S	6.0	6.6	.5				1		1			13.1	3.7
SSW	6.9	8.1	. 8						1			15.7	3.9
sw	3.9	3.1	- 3								 	7.3	3.5
WSW	3.0	2.5	5			 			 			6.0	3.9
- W	3.0	3.7	- 2				 					6.9	
WNW	1					 			 	 		1.1	4.0
NW						 							3.0
NNW		3				 	 		 	 	 	1.0	2.8
VARBL	1-4	3			 		 -	 	 			 	2.5
						$\overline{}$			$\overline{}$			 	
CALM		\geq	\sim	\geq								23.8	
	35.9	34.3	5.6									100-0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GEUBAL CLIMATHEORY BRANCH MIR TEATHER SERVICE/MAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

KSC SHUTTL				5.1.1. 7	• • •							OR TH
				المسلمة	THE						DOOD IN	11.3
				сон	OITIGR							
SPEED											ŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢŢ	
(KNTS) 1 - 3 DIR.	4 - 6	7 - 10	11 - 36	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	M W SP
N	4						:				2.0	
NNE											1.8	
NE		3									1.1	
ENE		1.1	-1								2.2	
ŧ	1.2	1.3									5.8	
ESE	2.5	1.0	1								5.2	
SE	٥						!				2.9	
SSE	1.3	-6									3.8	
S	5.5	1.9									11.9	
SSW 4	4.0	1.1					1				10.5	
SW 2	4-4	1.4	• 1								8.8	
WSW 2	3.6	1.7					!				7.5	
W		1.6									9.1	
WNW	1.2	3	1								2.6	
NW		2									1.6	
NNW	4										1.8	
YARBL												
CALM	$\supset <$	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	><	><	><	20.3	
	24 8	13.7	1-0								100-0	

GLUCAL CLIMATELUMY BRANCH DSAFFTAC AIR GEATHER SERVICE/MAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		STATIO			611 67	T .1~			YEARS				
					ALL M	LASS						0201	
	-				сон	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	_
N	1.0	1.1	- 4									2.5	
NNE		1.0	- 9		<u></u>					·		2.6	_
NE	ا فو ــــا	1.9	. 9			· · · · · · · · · · · · · · · · · · ·						3.3	
ENE	- 4	2.3	2.0	1.0	<u> </u>		:		<u> </u>			5.7	
E	-4	4.5	302									8.7	
ESE	- 9	2.5	2.7						i			5.6	
SE	1	2.5	3.1	104			· •	!		<u> </u>		6.9	
SSE	- 2	4.0	5.2					i 	:	İ		10.0	
5	1.1	ا 5 م د	7.1	l.i			·	·				14.7	
SSW	1.0	فمل	1.3					i 	ļ			3.9	
sw		3.5	4.1				i	L				9.1	
wsw	1.2	4.4	3.3	- 2					! •	L		9.1	
w	1.2	2.7	2.7	1					i			6.7	
WNW			1.7						[3.4	
NW	- 6	1.3	2									2.2	
NNW		امد	3		<u> </u>							1.6	
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		><	><	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	3.0	
	11.0	40.5	39.1	6.1		, , , , , , , , , , , , , , , , , , , ,						100-0	

GLUBBL CLIMATOLORY BRANCH JSAFRTAL AIR LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

- K\$C \$	<u> </u>	APT F	WANE				78		EARS			4	ONTH
	_				<u>مللہ ما</u>	Trir						1200	=1400 (CFT.)
	_				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥ 56	*	MEAN WIND SPEED
N		3		,								1.3.	7.5
NNE	1	9	1.3	- • •				*				2.7	7.1
NE		1.0	1.9							•		3.9	
ENE	2	1 -9	1.7								1	6.5	7.4
E		5-4	11.5	1 - (-								19.0	7.5
ESE	- 1	2.4	_ 8.7	2.4								13.4	ε.2
SE	3	3.1	10.4	3.	- 1						!	17.2	8.5
SSE		3.0	8.7	2.6								14.6	6.4
S		1.6	3.7		-1							6.1	7.7
SSW		1.0	1.0									2.2	6.8
sw		9	1.6								1	3.3	8.5
wsw		- 8	1.3					·		: •		2.7	7.2
L w		5	1.5						· - · - ·	! 	·	2.9	8.2
WNW	4	9	-									1.8	5.7
NW		3				<u> </u>					*** = = *** * * * *	1.0	6.3
NNW		2	1			·						5 .	4.2
VARBL							بود س	اورد سندستان	·	بر. ــ بـ ــ بي ي	•		
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$.9	
1	3.7	24.0	.57.4								! .	100-0	7.8

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AIR PORCE DWIRONMENTAL TECHNICAL APPLICATIONS CENTER—STE 7/8 0/2 (U) REG SHITTLE APY. TITUSVILLE, PLORIDA. REVISED UNIFORM SURFARY 0—ETC(U) NOV 7P 2 **5**



MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A GLUBAL CLIMATOLUCY BRANCH USAFFTAC AIR BEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

L2868 STATION	KSC SHUTTLE APT FL STATION NAME	69=78 YEARS	<u>JUl</u> nonte
	ALLi	VE A THER	1500-1700 HOURS (LS T.)
		ONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 · 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2	8		.1								1.7	Lo
NNE	اقعا	-6		.1	'							2.3	7.
NE		1.0	. 9		L'							2.2	6.
ENE		1.5	3.1	.6	.1							5.6	7.
E	9	3.9	9.8	1.5								16.0	_ 7.
ESE	1.0	3.6	11.9	2.2								18.6	7.
SE	ب	3.7	11.2	5.0								20.	Ba
SSE	4	1.8	6.2	3.4	-1							12.1	9.
S	. 2	1.0		-6	1							5.1	B.
ssw	. 3	1.0	- 8	- 3	. 2							2.6	_ Be
sw		_ 6	.6									1.2	6.
wsw		. 8	2.2	3	1							3.4	
w	- 5	-6	1.6	5					i			3.3	7
WNW	.3	. 4	2				· · · · · · · · · · · · · · · · · · ·					1.2	
NW		-1	- 4					1				-6	64
NNW	. 2	.2	3				1					1.0	7.
VARBL			 ,	-						1		1	
CALM	><	\geq	\searrow	\geq	\geq	\times	\times	\times	\times	\times	> <	2.5	
	6.0	21.3	54.3	15.3	- 6							100-0	7.

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATBLORY BRANCH USAFFTAL AIR FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12Bos	KSC	SHUTTLE	APT F	HAME			AQ.	78		TEARS.			. <u></u>	IUI.
		_				ALL L	The							2000
		_				cor	EDITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
1	N	.2	و	-1									1.2	6.7
Ī	NNE	2	. 5										. 9	5.1
[NE	Ç,	8	2									1.8	4.3
[ENE	1.2	1.4	1.2									3.8	5.1
[E		1.4	2.7									7.5	5.8
	ESE	2.3	4.2	2.9	- 4								9.8	5.6
E	SE	2.3	4.9	4.6									13.2	5.6
	SSE	1.8	0.2	7.8	1.1								17.1	6.6
L	\$	2.4	5.0	5.7	1.3								16.3	6.2
	ssw	- 0	1.6	1.9	2								6.6	6.0
1	SW		1.3	4									2.7	6.2
1	WSW	1.0	1.2	1.2		1							4.0	6.7
<u> </u>	w	- 9	1.9	1.1									4.0	5.6
L	WNW	5		3									Let	-6.1
1	NW		- ,3										1.1	3+2
į.	NNW	4	- 5									1		4.3
ļ.	VARBL													
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	9.1	
L		19.4	-36.0	30-3	لوچه	3							100-0	5.4

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

630

TOTAL NUMBER OF OBSERVATIONS

GLUDAL CLIMATULUMY BPANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12862	<u>KSC</u>	SHUTTLE	APT F	<u> </u>			69-	-78	 ;	YEARS			يـــــ ـ	IUI HORTH
5741108						ALL W	EATHER			, , , , , , , , , , , , , , , , , , ,)=2300 • (LEV.)
				_		¢	LASS						Novas	J (L.S.Y.)
		_				CO	NOITION							
!	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥ 56	*	MEAN WIND SPEED
	N	.0	.2							 			.9	3.1
	NNE	.5	. 2										. 8	3.0
	NE	8	.3	.1									1.2	3.6
	ENE	2	9	6	•1								1.8	6.2
	ŧ	2.7	3.8	1.3									8.0	6.8
	ESE	3.9	4.2	9									8.9	4.0
į	SE	2.7	2.6	1.0									6.2	4.4
	SSE	2.3	5.4	3.2									10.9	5.4
	\$	4.7	8.4	3.7	- 6								17.4	5.2
	ssw	3.5	4.5	1.5	ر								9.8	4.6
	sw	2.0	2.7	- 4	.1								5.3	4.3
Ī	wsw	1.2	1.6	1.1									4.0	5.2
	*	2.0	2.7	- 5									5.8	401
İ	WNW	- 9	5										lak	3.2
	NW	اده ا	1	1			<u> </u>						В	3.1
ļ	NNW	9	2										1.1	2.6
	VARBL													
	CALM	$\geq \leq$	$\geq \leq$	$>\!\!<$	>>	><	><	$\geq \leq$	><	>>	><	\searrow	15.9	

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

100

TOTAL NUMBER OF OBSERVATIONS

GLUBAL CLIMATULDRY BRANCH USAFITAC AIR FEATHER SERVICE/MAC

070

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12805	_K5C_	SHUTTLE	APT F	MAME				78		TEARS				UL.
		_				ALL ME	Toles						A	(L 1.V.)
		_				CONI	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥ 56	*	MEAN WIND SPEED
<u> </u>	N	-7	5	- 3					 		! !		1.5	4.6
	NNE	. 6	- 5	- 4									1.6	5.4
ĺ	NE	- 4	- 8	- 5	- 1								1.8	5.6
ſ	ENE	4	1.3	1.6	- 3	0							3.7	6.7
(E	1.5	3 3	4.0	• • •								9.7	6.4
	ESE	1.7	3.0	3.7	7				I .				9.1	6.3
[SE	1.6	2.6	4.0	1.3								9.5	4.9
[SSE		3.5	4.2	1-0	-0							10-1	6.7
[\$	4 - 4	5.5	3.5	- 5								12.7	5.6
[SSW	2.8	1.8	12	. 1	. 0							7.9	4.6
	SW	1-4	2.4	1.2	- 3								5.7	5-1
1	WSW	1.5	2.1	1.6		•							5.3	5.5
[w	1.7	2.4	1.2		••							5.5	5.2
[WNW		7	4		- 0							1.9	4.9
Ĺ	NW			. 2							1		1-2	4.1
l	NNW	7											1-2	3.9
[VARBL													
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	11.7	
		21.2	22 4	28-1	K. 3	2							100-0	8.2

GLUBAL CLIMATULUSY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12805 STATION	KSC SHUTTLE APT FL STATION WANTE	69-78 YEARS	AUG
	ALL •	ELATHER CLASS	0000=0200 HOURS (L.S.T.)
		ONDITION	

SPEED (KN7S) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	.5		.1								1.7	3.
NNE	3	2										.5	
NE	- 4	4										.9	3.
ENE	1.8	1.1	.2	-1								3.2	3.
E	3.3	3.3	1.4	- 2								8.3	4.
ESE	5.4	5.2	1.3									11.8	
SE	4.3	3.4		•1								Bal	3.
SSE	3.1	5.0										8.6	3.
S	7.1	5.0	1.3	- 1								14.6	3.
SSW	2.5	2.9	6									6.1	4.
SW	144	1.8	.6									3.9	
WSW	2.2	1.1	.4	·			1					3.7	3.
w	1.6	1.3		·		<u> </u>		<u> </u>				2.9	
WNW	1.2						<u> </u>					1.6	2.
NW		- 3	.1			$\overline{}$		<u> </u>				1.0	
NNW	1.1	5					 					1.6	
VARBL						†	†	————	\vdash			1	
CALM		> <		$\supset \subset$	$\supset <$	>>	$\supset <$	>>	\supset	>	>	21.6	
	27.6	33.3	8.4									190-0	3.

TOTAL NUMBER OF OBSERVATIONS 929

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR HEATHER SERVICE/MAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2HOH	_ K\$C	SHUTTLE	APT F	I HAME				-7 8		TEARS				HORTE
		_				ALL N	C. THEL						0300	1-0500 (13.5.)
		-				coı	NOITION		·					
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	2.0	- 4										2.5	3.0
	NNE	1-1	А										1.8	3.1
	NE			. 1									1-6	3.3
	ENE	1 4	1 1		,						<u> </u>		2.6	3.8
	E	2 3	3.0										7.2	401
	ESE	200	4 7	4									9.2	3.7
	SE	7 7										1	5.6	3.8
	SSE	3 1	2.7	1.2			 						المنتب الأسال	4.2
	5							!					10.2	3.7
	SSW	3.4	4.0				 -				 	 	7.5	3.7
	SW	1 204									 		5.7	
	wsw	1 203				†- -	 				 		2.9	3.6
	w	1 - 1 - 2	1.0				 						209	3.9
	WNW						 					 	1.9	2.8
	NW	1 3 - 2					 					 		3.3
	NNW	1-0					 	 		ļ <u>-</u>	 	·	2.5	2.9
	VARBL	2+#	3			 	 	 				<u> </u>	3.1	2.6
	CALM		> <	> <	>>				>	>	\sim	\sim	25.5	
		40.4	20.2	4 - 2	4								100-0	2.7

GLUGAL CLIMATHEBRY BRANCH USAFETAC AIR JEATHER SERVICE/MAC

12805 KSC SHUTTLE APT FL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL W	ATHER						O GOURS	=0.80 (L3.7.)
	_				ÇÓN	DITION							
EED NTS) IR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEA WIN SPEE
N	2.0	1.1	1							1		3.8	3
NE	2.2	- 4										2.7	2
1E	2.0	6	٥٥	- 4								3.2	4
NE	2.9	1.5	9	- 1					<u> </u>			5.4	4
€	3.3	. 3.8	2.0	.5								9.7	5
SE	3.3	2.6	. 8							L		6.9	
E	1.7	1.8	1.4									4.9	6
SE	2.0	2.5	-4									5.1	4
S	3.4	3.4	1.7	- 4					<u> </u>			9.0	4
sw	3.4	3.2	.8									7.4	3
w	1.0	1.5	1.1									4.2	
sw	1.4	1.5	. 9									3.8	
*	1.9	1.1	. 4									3.4	3
NW			2									1.7	3
w	1.0		- 41									1.5	3
w	2.2	1.1										3.3	3
ROL													
LM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	24.0	
	36.1	26.8	11.6	1.5								100.0	

GLDBAL CLIMATHLUCY BRANCH USAFFIAC 4IR HEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

KSC SHII	STATE APT FL SYSTICH HAME YEARS										MONTE		
	_	· · · · · · · · · · · · · · · · · · ·	· 		ALL M	THEA	· <u> </u>		· · · · · · · · · · · · · · · · · · ·			0900	-110
					ÇON	DITION							
SPEED (KNTS) 1 - DIR.	3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	۵۰	1.0	اموا	د م								3-4	6.4
NNE	1.0	1.8	1.6									4.4	5.6
NE	-5	2.8	1.6									5.1	5.6
ENE	1 4	3.2	2 B	- 5								8.0	6.2
E	1.0	5.0	7.3	1.4								15.5	7.0
ESE	q	4.6	4.7	- 5								10.8	6.6
SE	اد	2.3	4.2	- 5								7.2	7.4
SSE	-6	2.9	5.4									9.6	7.1
\$	1.0	3.8	6.0	1.2								11.9	7.2
SSW		1.8	1.5									4.1	601
sw		2.3	2.0	4								5.4	6.4
wsw_	-1	1.8	1.5					1				3.9	6.6
w	1.0	1.3	1.2	1				<u></u>		<u> </u>		3.5	5.5
WNW	-6	- 9							<u></u>	i		1.8	5.0
NW	5	. 9	2									1.6	4.4
NNW	-5		- 5									1.8	5.2
VARBL													
CALM	\leq	> < 1	><	><	><	><	><	><	><		><	2.0	
		38.0	42-6	8.4								100-0	4.4

USAFETAC 108M 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

denoted.

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TOTAL NUMBER OF OBSERVATIONS

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GLOUND CLIMATOLUCY BRANCH USAFFTAC AIR LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

128: -7 STATION	<u> ۲۰</u> ۲	SHUTTLE	APT F				69.	-78					<u>A</u>	UL.
STATION			STATION	2 MARE					,	EARS			84	DNTN
		_			 -	ALL W	THE						1200	-14CO
						-								,
		_				CON	DITION							
		_			**									
ļ	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	17 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
	N		6	1.5	1.3							1 "	3.5	9.0
	NNE		. 9	2.0	د								3.4	7.6
	NE	-4	1.3	4.0	• 1								6.5	7.3
	ENE	. 3	3.7	5.5	1.4								10.9	7.7
	E	-4	5.3	17.4	1.6								26.0	7.8
	ESE		2.8	5.7	1.4								13.0	3.1
	SE	- 3	2.7	7.8	1.2	1							12.2	0.5
	SSE	- 4	1.5	5.8	3.1	1							11.0	9.2
	5	1	1.8	2.7	5	i							5.3	7.7
	SSW		-3										1.2	7.5
	sw		- 3	8	- 64								1.8	8.9
	wsw	- 2	1	1.2									2.3	9.4
	W	2	6	3									1.3	_6.1
	WNW		- 2		2									9.8
	NW		2	-1									- 3	6.3
	NNW	li	1										1	5.0
	VARBL													
	CALM		> <	><	><	$>\!\!<$	$\geq <$	$>\!\!<$	><	><	><	\times	.9	

030

TOTAL NUMBER OF OBSERVATIONS

DERBAL CLIMATULUCY BRANCH USAFRTAL AIR FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	_ K⇒C_	SHUTTLE	APT	HÂME			ىكچ	-7 8	· ·······	YEARS			- 4	ONTH
		<u></u>				ALL N	THER						150	1-1700
		-				COM	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
	N	- 2	. 3		•								2.2	5.£
	NNE	4	1.4	9									3.0	5.2
	NE	- 6		1.3	- 2								3.2	6.3
	ENE	4	2.5	5.8									9.2	7.4
	E	1.3	6.6	18.3	2.0		i						28.2	7.7
	ESE		2.7	9.7	1.5			1				[14.6	8.1
	SE	В	1.0	10.9	2.6								16.1	8.3
	SSE	4	1.3	4.2	1.8	1		ļ	<u> </u>				7.8	8.7
	5	1.0		5	9	- 1							3.2	7.5
	SSW		- 3	5					<u> </u>				1.3	7.8
	SW	'		4	2			!	ļ				. 9	9.9
	WSW		5	6	6				<u> </u>	1			1.9	-8.4
	w			1.0	3					1	ļ		2.7	7.9
	WNW		5	3	• 3					ļ	<u> </u>		1.3	7.2
	NW	₩2	- 16							<u> </u>	l			4.5
	NNW	2	-1						<u> </u>		ļ	l		7.4
	VARBL								Ļ,	<u></u>	L			
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	><	$\geq \leq$	2.6	
			2. 2	88.4	_12_4						 		100-0	7-6

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATULUTY BRANCH USAFFTAC AIR REATHER SERVICE/MAC

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12868	KSC SHITTLE APT FL		TEARS	AUG HONTH
		ALL WE THEN		1800-2000
		COMPLICA		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		1.1	1.0									3.1	5.
NNE	1.0	6	•2				<u></u>					1.8	3.
NE	5	8	3			ļ				<u> </u>		. 1.6	5.
ENE	1.5	1.6	1.5				İ			·		4.6	<u>5</u>
E	4.8	9.9	4.5	3		i					·	19.6	5a
ESE	4.0	7.9	3.7	3			! 		ļ	<u> </u>	· · · · · · · · · · · · · · · · · · ·	16.5	
SE	2.9	7.8	2.5	2			<u> </u>	<u> </u>		<u> </u>	<u> </u>	13.3	5.
SSE	2.0	5.4	2.5	2		j	 	<u> </u>	<u> </u>	i		10.1	5.
S	1.2	3.0	1.8					<u> </u>	ļ	!		6.2	5.
SSW		2.0	5				-		 	<u> </u>		3.2	4.
SW		1	5	2		ļ		! —————		 _		1.5	6.
wsw	5	9	. 9					<u> </u>	·	ļ		2.4	64
W	-6	1.1		2	2				! ! -			2.5	6
WNW												5	34
NW		3											64
NNW		3								L		5	5.
VARBL					·								
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	11.6	
	22.6	42.R	20.7	اندا	. 3							100-0	

TOTAL NUMBER OF OBSERVATIONS

GLOSAE CETMATHEBRY REALIGH DSAECTAG AIR SEATHER SERVICEZUAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

128	_ K "C	SHUTTLE	APY F	NAME .			نؤلید	-78		YEARS				DRTH
			<u>————— </u>			ALL W	THE.	· · · · · · · · · · · · · · · · · · ·	······································				2100	= 300 (US.T.)
						COM	DITION		· · · · · ·					
	SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	*	MEAN WIND SPEED
	N	1+1						· · · · · · · · · · · · · · · · · · ·			i		2.2	4.4
	NNE	1.3	. 8						,				2.2	3.4
	NE	1	1				i						4	3.5
	ENE		1.0				t .						2.7	4.7
	Ε	100	5.5	1.6			1	*					12.7	4.4
	ESE	7.7	5.7	1.5	-								16.1	4.0
	SE	4	5.3	1 .				ļ					10.3	4.1
	SSE	3	6.2	7.0						1			10.9	4.2
	S	2.3	4 4	2.2	- 1					:	1		9.9	5.0
	ssw	2.4	2.3	2			·	!					5.4	3.5
	sw		1 1								1		2.6	4.2
	wsw	1 1		- 4	• 1					ļ — — —			2.6	4.4
	w	1 2											1.5	7.1
	WNW	100	- 4	1							,		1.1	3.7
	NW	4	4										Q	3.6
	NNW		5	2									1.3	4.3
	VARBL									1	1			
	CALM		$\geq \leq$	$\geq \leq$	\geq	><	> <	> <	\times	\geq		$\geq \leq$	17.4	
		25 2	34.6	9.4	1 2	2							1.20.0	2 h

GLOGAL CLIMATGLURY GRANCH USAFETAG AIR CLAFHER SERVIÇEZMAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

-K2C	SHUTTLE	APT F	HAME			50-	78	,	EARS				ONTH
	_				ALL MC	THER							LL (1.3.7.)
	_				CON	DITION				- 			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 . 21	22 - 27	28 · 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	. 7.	. 7	4.3	-0							2.8	5.6
NNE		- 9	. 6	1	.0							2.5	5.1
NE	. 7	. 9	1.1									2.5	5.7
ENE	1.3	1.9	2.2	0.3								5.8	6.1
E	2.0	5.6	6.6	اغم						i (15.9	6.3
ESE	3.4	4.6	3.8	. 5						i		12.6	5.5
SE	2.1	3.5	3.5	. 6				[1		9.7	6.0
SSE	1.9	3.6	2.6	. 1	-0					i		8.7	6.1
\$	2.8	3.4	2.1	,	٥							3.8	5.3
ssw	1.7	2.1	. 7	1								4.5	4.4
\$W	1.1	1.1	o d	. 2								3.2	5.2
wsw	1.0	1.0		.2								2.9	5.0
w	1.3	. 9	.4	1	-0							2.7	4.8
WNW		- 4										1.3	4.4
NW	- 6	5	1			نام						1.2	3.9
MNM	9	5	. 1	a C								1.6	3.9
VARBL													
CALM	\searrow	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$>\!\!<$	$\geq \leq$	$\geq \leq$	\times		$\geq \leq$	13.2	
	24.3	31.4	26.2	4.7	1	امـــــــــــــــــــــــــــــــــــــ						100.0	4.9
									TOTAL NUA	ABER OF OBSI	ERVATIONS		74.18

GENEAL CEIMATHLURY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

12862 KSC SHUTTLE APT FL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				-ALL-W	THE.				_		- 00 00	1-030c
					COI	NDITION							
SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	- 1,5	9	- 4			 			 			2.7	3.5
NNE	9							I				2.2	5.
NE	7	1.0	1 - 3	. 4								3.4	6•!
ENE	1.6	1.1	3.2									4.3	5.
E	-5.1	7.1	1.1	ن								16.2	5.
ESE	4.0	11	1.7									14.9	401
SE	4.7	3.3	6									8.6	3.4
SSE	2.4	2.6	- 6	3								5.9	4.
S	2.2	1.8	1.4									5.4	40
ssw	2.0	1.7	3									4.0	3.5
5W	2.0	1.2										3.7	3.1
wsw	1.4	1.8	1									3.3	3.
w	. 0	2.0		a								4.2	403
WNW	1.4	. 3	1									1.9	3.
NW	1.0		2									2.0	3.5
NNW		9	1									1.6	40
VARBL									I				
CALM	$\supset \subset$	><	$>\!<$	><	> <	$\supset <$	><	> <	> <		> <	15.7	
													

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

128cd	KIC SHUTTLE APT FL STATION HARE	59-78	YEARS	SEP . HONTH
	ALI	CLASS CLASS		0300=0500 Nours (L.S.Y.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.7	1.9	.3									4.9	3.5
NNE	. 3	. 8	• 7	• /				1		1		2.4	5.5
NE	.7	1.3	. 8					<u> </u>				2.8	5.4
ENE	او	2.1		4								4.2	5.9
£	5.3	4.4	2.2	4								12.4	4.6
ESE	5.2	4.7	1.9									12.0	4.4
SE	2.4	1.6	9									5.1	4.5
388	lan	1.6	ازه	- 2								3.8	4.3
S	ال 2 من	7	- 6	1				<u> </u>				3.3	3.9
ssw	2.7	2.6				L						5.3	3.6
sw_	1.7	1.0	- 1									2 . P	3.4
wsw	2.4	1.6										4.0	3.4
W	1.9	2.3	3					Ĺ				4.8	4.3
WNW	1.4	8	- 2									2.4	3.5
NW	1.2	1.6	. 2			<u></u>						3.0	401
NNW	2.2	1.3										3.6	3.2
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \!$	$>\!\!<$	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	23.1	
	35.3	30.1	9.3	2.1								100-0	3.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATGLUCY SMANCH USAFFTAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1285E	KSC SHITTLE APT FL		VEARS BONTH
		ALL WEATHER	n6n0=0P00 Hous (LT.)
		COMBITION	
		· · ·	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.4	2.4	4		-							5.7	4.4
NNE	1.0	1.3	. 6	- 3								3.2	5.6
NE	1.0	1.8	, at	ر				T		1		3.8	5.4
ENE	2.8	2.1	1.2	. 1								6.2	4.7
E	4.1	5.2		4		i		1		1		13.4	5.4
ESE	3.2	1.0	2.6	- 2								9.9	5.1
SE	1.6	1.0						1				3.2	4.6
SSE	8	. 7	- 4	- 4				1				2.3	6.2
S	9							1				2.2	4.7
SSW	1.8	1 4	- 4			1		1				3.8	4.0
SW	1.4	1.2	6			1				1		3.6	3.8
wsw	1.0	1.2	- 4	1		1		1		T		3.7	4.2
w	1 5 1	2.2	6	;						1		6.1	-3.8
WNW	1.9			- 1								3.1	3.3
NW	2+1	2.2	- 3					1				4.7	3.8
NNW	. 7	2.2	- 2					1	<u> </u>	!		4.1	
VARBL		***	•					1		1		~~ *	4.2
CALM	>>	\ge	\times	\times	\geq	$\geq <$	$\geq \leq$	\times	\geq		$\geq <$	21.0	
	32.1	31.1	13.2	2.4								100-0	

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATULOSY BRANCH USAFTTAC AIR WEATHER SERVICE/MAC

WNW NW NNW VARBL

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u>ادً X</u>	C SHUTTLE	APT F	I HAME			50-	-78		YEARS				E-P
	_				ALL W	THE						0900	-11 (CS.7.
	-				COM	IOITION							
SPEED (KNTS) DIR.		4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 · 33	34 - 40	41 - 47	48 - 55	≥ 56	*	ME/ WIP SPE
N		1.8	2.5	. 6								5.3	7
NNE		2.8	2.00									5.9	
NE	-7	2.9	2.6	. 2								6.8	£
ENE		2.8	4.7	e E								3.7	
E	104	6.3	9.2	2 41								18.8	
ESE		4.2	6.2	وز ۾		l	ļ		 _			12.0	
SE	7	1.8	2.3	2			ļ		<u> </u>			5.0	
SSE	2	2.1	1.8						<u> </u>	<u> </u>		4.9	:
S	- 4	2.0	1.4	- 2			ļ		ļ	L		401	
55W		1.0				ļ		<u> </u>		ļ		1.8	
SW	2	1.7	1.1	- 4			ļ			L		3.4	4
wsw		2.6	104	-1		ļ				L		4.2	
				1 1	1	1	1)	1	1 1			

TOTAL NUMBER OF OBSERVATIONS 900

408

4.0

GLOBAL CLIMATULUSY BRANCH USAFFTAL AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR. MEAN WIND SPEED 1 - 3 7 - 10 11 - 16 N NNE 3.4 6.4 8.1 NE 7.3 10-6 ENE 8+4 E 27.8 ESE 7.0 SSE 7.9 5.8 5 5.9 55W sw -8 WSW 1.0 WNW NW HNW VARBL CALM

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC PORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

770

GLOBAL CLIMATOLURY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12869 STATION	KSC SHITTLE APT FL	59-78 YEARS	SEP BOUTH
	AL	L WE THEIR	1500-1700 HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
Z	<u>د م</u>	.3	2.4	2.4								5.6	10.0
NNE	- 4	1.7	2.7	ان و	1							5.7	7.6
NE	-1	2.7	4.4	_ 7								7.9	7.5
ENE	. 3	3.4	7.5	1.3								12.9	7.5
E	102	10.4	15.3	2.9								29.9	7.2
ESE	1.4	4.4	7.4	2.1						1		15.4	7.4
SE	6	2.7	3.1	1.0			1					7.2	7.5
SSE	.1	1.2	1.4	- 4			i					3.2	7.2
5	_ 1	9	6	- 4								2.0	7.3
SSW			6									1.7	5.2
5W	- 1		. 7									1.2	6.6
wsw		4	. 7	1				•				1.2	B.J
w		. 7	- 6	- 1								1.6	603
WNW	- 1		- 4									1.0	5.5
NW	1	- 4										-6	400
NNW	1	- 6	. 3	. 3								1.3	R. 3
VARBL		-											
CALM	\times	$>\!\!<$	> <	\times	\times	><	$\geq <$	\times	$\geq \leq$	\times	\mathbb{X}	1.7	
	5.H	31.3	68.3	12.8	1							100-0	7.6

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFFTAG AIR SEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	_K5C_	SHUTTLE	APT P	N MAME				- 72		YEARS				IONTH
						ALL W	THE						1800	1-2006 (G.Y.)
						СОМ	DITION				_			
] ر	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 · 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
[z	7	7	2.2	• •			1					3.0	7.1
	NNE	7		1.9	- 2	1							4.2	7.1
1	NE	1.0	3.0	1.4	-4								6.2	-6.0
	ENE	1-4	1.0		b					<u> </u>			8.6	6.2
Ţ	E	5.4	13.1	5.9	- 9						li		25.3	5.4
ļ	ESE	5.4	7.7	-3.4				ļ			L		17-1	5.0
1	SE	2.6	4.7		-1			<u> </u>		L	ļi		8.1	4.3
- 1	SSE	2.3	2.7	1.8									6.9	5.1
ļ	5	1.0	1.4										3.3	4.6
ļ	SSW	2	1.3	2				<u> </u>					1.9	5.1
l l	sw		- 8		•					L			1.7	5.5
ļ	WSW	7								! 			1.7	5.7
ļ	w	1-2	- 4		• 2					L			2.0	4.3
	WNW			- 3							L		- 4	7.8
1	NW	-3	7								11		1.1	4.2
	NNW	-2		7							<u> </u>		1.4	5.9
1	VARBL													
ļ	CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	6.1	
[03.0	42.0	33.4	4 2]			100 0	- 1

TOTAL NUMBER OF OBSERVATIONS

CLUEAL CLIMATULOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		STATIO	NAME .						YEARS	· · · · · · · · · · · · · · · · · · ·			ONTH
	-					THEL		· · · · · · · · · · · · · · · · · · ·				2100	=230!
					COM	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	.3	. 6	. 4								2.6	6.
NNE	9	1.0	1.2	. 3								3.4	٥٠
NE	1.2	1.8	1.2	- 6			<u> </u>					4.8	6.
ENE	1.6	2.0	2.4	ن								6.9	646
€	5.1	11.2	3.3	1.4		!						21.1	5.4
ESE	6.5	7.9	2.4				!					17.2	
SE	3.7	3.1	. 3					i	İ			7.2	3.5
SSE	2.0	3.3	و	1		<u> </u>			<u> </u>			6.3	
5	2.7	2.1	7	- 1					ļ			5.6	
55W	2.0	2.1	. 7					<u> </u>				4.8	662
SW	7	1.0	1					ļ				1.8	. 3.5
wsw	.7	6	- 1					1				1.4	
w	1.4	1.9		- 2		ļ		ļ				3.7	لمف
WNW	.7	.7		1	<u> </u>			ļ				1.6	
NW	افم ا	2						L	ļ	<u> </u>			3.4
NNW	3	1.0	2			<u> </u>	ļ	ļ	ļ			1.6	4.6
VARBL	L ,					L	L	<u> </u>	L				
CALM	><	><	><	$>\!\!<$	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	9.6	
	20.0	40.9	14 2	4 11								100 0	4

TOTAL NUMBER OF OBSERVATIONS

899

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

. Interest of the second

And American

GLUBAL CLIMATULORY BRANCH USAFFTAC AIR FEATHER SERVICE/FAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Ki	C SHUTTLE	APT F	AAME				78		YEARS				IONYN
		· · · · · · · · · · · · · · · · · · ·			ALL A	THE						- Mouer	(L) ((1.7.)
	_												
	_			·	COM	DITION							
SPEED (KNTS) DIR.) 1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAR WIND
N	1 - 2	1.1	1.0	.7	••				-			4.6	
NNE	7	1.4	_ 1.0	5	- 0							4.2	6
NE		2.2	2.3							1		5.8	6
ENE		2.6	3.4	- 23								8.0	6
E	2.5	8.2	7.3	1.7								20.6	6
ESE	3.5	5.6	4.0	7	-0							13.7	5
SE	2.0	2.5	1.5									6.4	5
SSE	1.2	1.9	1.3	4								4.9	
5		1.3		2								3.5	5
\$5W	1.2	1.4		0								3.0	4
sw	1	1.0	5	•1								2.5	-4
WSW	/ 9	1.2	5									2.7	5
w	1.4		6									3.9	4
WNW	_	7										1.8	4
NW	7			•0						I		1.8	
NNW	<u>'</u>		3									2.3	
VARB													
CALM		><	><	><	><	$\geq <$	$\geq <$	$\geq <$	$\geq <$		$\geq \leq$	10.2	
	21.0	25_0	26-6		,							100-0	- A-

GLUENL CLIMATULURY BRANCH USAFSTAC AIR MEATHER SERVICE/MAC

1280E KSC SHUTTLE APT FL

sw

wsw W

NW

NNW

VARBL CALM 1.0

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

BIATION			SIATION	MARL						TEARS			-	OM I H
		_				ALL M	THE			-			noves)=0200 ((3.7.)
						ÇON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N	1.2	1.7	1.0	• 4						-		4.5	5.3
	NNE	1.2	1.4	1.3	1.4	1					!		5.8	
	NE	1.5	1.8	1.6	2.9	. 2							8.1	3.5
	ENE	1.4	3.0	3.5	3.4	. 3	. 1						11.8	
	E	3.4	4.5	5.4		.1							17.0	7.2
	ESE	2.5	1.6	1.3									5.5	4.5
	SE	1.5	2.4	. 8	• 2	. 1							4.9	5.4
	SSE	1.5	3.0	6									5.2	4.5
	S	1.1	1.6	Ö	. 1								3.5	4.9
	400.0			_					i					

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

.8

4.0

4.3

5.4

8.1

5.2

GENERAL CELIMATORUTY BRANCS USAFETAC AIR LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	SHUTTLE	STATIO	HAME				_	,	TEARS			
	_				ALL MA	THE						O EO
	_				co#	DITION						
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*
N	1.5	2.7	1.1									5.6
NNE	1.6	1.6	- 6	lad	. 2			1				5.2
NE	1.0	3.0	2.9	2.3	1			,				9.3
ENE	1.5	2.2	2.2	3.3								9.6
E	3.2	7.1	3.8	2.0								17.1
ESE	1.3	i.i	1.0	5								4.0
SE		1.0	- 5	- 2						1		2.0
SSE	9	i_a	3									2.0
S		8	1.6							<u> </u>		2.1
SSW	1.2		. 9					<u> </u>				3.0
sw	- 1-3											1.0
wsw	2.0	1.0								1		3.:
w	2.8	2.8	4						 	11		6.0
WNW	2.3	- 7.4	1					i 				6.1
NW	2.0	2.8	1.0						ļ	<u> </u>		5.5
NNW	2.5	1.2						 				5.3
VARBL												
CALM	$\geq \leq$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	$>\!\!<$	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	9.6
		22 7	17.6	11 4	1.0							100-0

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATULUMY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12863 STATION	<u>اک کا</u>	SHUTTLE	APT F	1			69-	-78		YEARS				C F
*********			3741104			ALL ME	ATHES		· · · · · · · · · · · · · · · · · · ·		•		0600)=080U
						CONI	D:T104							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N	1.7	2.3	1.0	. 4						·		5.4	5.2
	NNE	9	1.7	. 3	1.9	.6					:		5.9	9.1
	NE	9	3.0	3.2	1.4	.2							8.7	7.6
	ENE	1.1	2.6	2.7	4.4	.5							11.3	9.4
	E	2.4	3.4	4.5	2.6	.1							13.2	7.2
	ESE	1.7	2.0	1.0									5.2	4.8
	SE	4	1.0	.2									1.7	5.9
	SSE	- 4	. 8	ذه	ر								1.9	
	5	6.	. 6	بو				ļ	i				2.0	A.B
	ssw	1.0	1.4	6					ļ	ļ			3.1	4.9
	SW	1-1-1	.5					!	ļ		ļ		1.9	4.2
	WSW	1.2	. 9						<u></u>	·	<u> </u>		2.0	3.2
		2.8	2.6	-6					ļ				6.0	3.9
	WNW	2.0	3.9	- 4									6.3	4.1
	NW	J. 5.5	3.4	1.9							ļ		9.4	4.4
	NNW	1.2	2.2	1.4						ļ	 		5.1	5.0
	VARBL	 											 	
	CALM		> <	><	\sim	> <	> <	$> \leq$	> <	$\geq \leq$	><	$\geq \leq$	10.8	
		22.8	32.3	20.1	12.5	1.5	- 1						100-0	5.7

BLOBIL CLIMATELUCY ERANGM USAFOTAG AIR MEATHER SERVICEMMAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS,

7,0k K∆	C SHITTL	T APT F	N MAME				35.		EARS				C T
					ALL ME	Tris						3300 HOURT	1-110
	_				сон	DITION		· · ·					
SPEED (KNTS DIR.		4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		1_2	3.4	2.2						•••		7.8	3.4
NNE	- 6	1.0	3.1	2	د .							3-1	10.1
NE	.5		5.5	4	1							12.3	10-6
ENE		2 2	2.5	4	.5.			-		;		10.6	10
E		3.7		4.2				i		:		16-8	8-5
ESE	100	306		5.0								5.4	
SE		1 1	1 7	100									7.4
SSE		-4	101	اب								3.5	R-1
5	- +	2		*4						 		1-4	Red
ssw	3	1-0	1 - 1 - 1					·				3.0	7.7
		1-1-1	1+2	-+4								3.2	
sw	- 3		9	- +3				 	L			2.3	
wsw	- • •	₩8	-,4									2.0	
WNW	1-1-1	2.2	1.1	+2				<u> </u>				4.5	5.5
		2.7	1 +5							 		5.3	-5-8
NW		2.4	2.8					· 		ļl		5.9	6.8
NNW	1.0		2.7	1.4						+		5.7	-8-3
CALM	\sim	$\geq \leq$	> <	$\geq <$	$\geq \leq$	$\geq <$	><	$\geq \leq$	$\geq <$		><	2.2	
	1	22.1	79.6	25.5	1_6							100.0	- 8-2
	,,,								TOTAL NUA	ABER OF OBSI	ERVATIONS		01

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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£1, 24

GLUBAL CLIMATULUTY BOANCH USAFFTAC AIR PEATHER SERVICE/MAC

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1200	KSC SHUTTLE APT FL STATION MANE	69=78	YEARS	LICT MONTH
	ALL	WE THER		1200-1400 HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN WIND SPEED
N	4	В	4.6	3.7	غ							9.9	1400
NNE		1.9	_ 5.3	3.9				, 	<u></u>			11.7:	9.6
NE		1.8	4.7	4.5	2				<u> </u>			11.3	Q.
ENE	- 4	3.3	5.7	5.3	В							15.5	2.
E	-6	3.8	7.3	4.4	3				!			17-0	8.0
ESE		2.0	3.6	1.0								6.9	B.
SE		1.1	1.2	las	1							3.8	0
SSE	1	1.3	1.4	- 4					!			3.5	8.
_ S	. 2	. 9	lab	S								3.8	E
SSW		- 4						<u> </u>				1.C	6.
sw	.1	3										9	6.
wsw		5	1.0						1			2.5	7.
w	- 4	6	1.0						!			2.5	_ 7.
WNW			1.6	د ــــــــــــــــــــــــــــــــــــ	i				<u> </u>			3.1	7.
NW	2	5	1.0									1.7	_6.
NNW	2	1.0	1.4	دمل								4.1	9.
VARBL													
CALM	\times	$\geq \leq$	><	\times	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	><	1.0	
	6.1	21.1	61.6	30.3	1.9			Ì				100-0	9.

TOTAL NUMBER OF OBSERVATIONS

630

GLOGAL CLIMATOLOGY BRANCH USAFFTAC AIR REATHER SERVICE/YAC

12832 KSC SHETTLE APT FL.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					COR	DITION						
SPEED (KNTS) DIR.	1 . 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*
Z		2.2	4.7		3							12.
NNE		3.1	4	يند			: 					13.
NE		2.7	4.1				<u> </u>					12.
ENE	-6!	4.2	6.5	4.2	2			İ				15.
E	1.2	7.4	6.6	2.4				İ				18.
ESE	1.0	3.7	2.5				·	<u> </u>				7.
SE		1.7	_ 1.3					i 				4.4
SSE		1.3	1.9				:					3.
s		1										1.
SSW									!			
SW			1									
WSW		2	2						!	I		
w	- 1	5	1.6		-				<u> </u>			2
WNW		6					·	·				1.
NW			5							<u> </u>		
NNW			- 4	1.0			· · · · · · · · · · · · · · · · · · ·			İ		
VARBL										L I		
CALM												1.4

TOTAL NUMBER OF OBSERVATIONS 930

GLUBAL CLIMATULLOY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12do2	KSC SHITTLE	APT FL STATION NAME			8	YEARS			OC 7
	_		ALL	AFATHER CLASS				180 Mous)=2000
	~			CONDITION					
_	_						 		
								11	

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.9	2.2	2.9	2.0				·	I			10.5	7.3
NNE	1.0	3.3	2.3	2.0								9.2	7,5
NE	1.5	3.3	3.3	2.5								11.0	8.0
ENE	2.0	3.2	3.8	4.5	. 4		i	<u> </u>	1			14.0	R.7
Ę	4.4	6.3	4.5	1.8	.3							17.4	6.2
ESE	2.9	4.2	1.3	• 5								R.9	5.0
SE	1.4	2.0	. 5									4.0	4.3
SSE	. 8	1.0	1.3				I					3.3	5.2
S	. 2	1.5	•6									2.5	5.6
\$\$W	• 6	6		• 1								1.4	4.6
sw	. 3	.2	• 1									•6	3,8
wsw	. 5	. 5										1.1	3.2
w	-4	6	3									1.4	4.8
WNW		6	•1				<u> </u>			}		.8	5.3
NW	. 3	. 5	• 2					<u> </u>	<u> </u>			1.5	4.1
NNW	1.4	1.6	•6	• 2			<u> </u>					3.9	5.0
VARBL										<u> </u>			
CALM	X	><	$>\!\!<$	><	><	><	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq <$	8.5	
	21.8	31.9	22.0	14.9	. 8							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

GLUBAL CLIMATULUTY BRANCH USAFFTAC AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12843	KSC SHUTTLE APT FL STATION HAME		YEARS	— iCT
		ALL RESTOR		2100-2300 HOURS (C.E.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.4	1.3	2.3	J.o.C	1							7.6	7.
NNE	1.2	1.3	2.2	1.6								6.5	7•
NE	1.7	2.2	2.2	2. 1								8.6	8
ENE	lai	3.2	5.2	3.0	1.0							14.2	9
E	6.4	5.5	3.8	3.4	- 2							17.7	7.
ESE	2.8	3.4	1.9	• 5								8.8	5
SE	2.7	2.9	1.1				i					6.7	4.
SSE	- 4	2.0	.6									3.1	5.
5	1.0	1.4	1.6						<u> </u>			4.3	. 6.
SSW	1.1	4										1.6	3
5W	. 5	.3		1								1.0	4
wsw	5	.9	- 1	. 1								1.6	4
w		1.9	• 2									2.9	4
WNW	4	. 9	- 1									1.4	
NW	1 - 4	. 5		ند								2.8	
NNW	1.5	1.7	. 4	. 3					İ			4.0	4
VARBL							<u> </u>		1			, , ,	
CALM	><	> <	><	> <	><	\times		><	$\supset <$	><	><	7.2	
	22.4	29.9		16.1	1.6							100-0	6

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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USAFETAG AIR MEAFHER SERVICE/MAC

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12808	KSC SHATTLE APT FL	69-78 YEARS	1 DU
	****	ALL AT THE	ALL HOURS (L S.T.)
		CONDUCION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	1.8	2.7	2.0	.1							8.0	7.8
NNE	1.0	1.9	2.6	2.4	. 2							8.2	9.6
NE	1.0	6.4	3.5	3.2	. 2							10.2	8.8
ENE	1.0	3.0	4.1	4.1	. 5							12.8	9.1
E	2.5	5.2	5.3	3.5	.2							16.8	705
ESE	1.7	2.5	1.7	. 6	. 0							6.5	8.0
SE	1.0	1.6	. 9	. 4	.0	- 0						3.9	6.1
SSE	.6	1.4	. 9	- 3								3.1	. 69
S	. 5	1.0	1.2									3.0	6.7
SSW	. 7	فا ه	. 4	- 1								2.0	5.0
sw	ا ق	.5	•2									1.4	4 . 8
wsw	. 8	.7	. 3	1				l				1.9	4.
w	فمذ	1.8	• 7	• 1								3.9	4.1
WNW	9	1.9	•6	•1								3.6	5.0
NW	1.3	1.5	1.1	- 2								4.1	5.
NNW	1.3	1.4	1.1	•7	. O							4.4	6.6
VARBL													
CALM	\times	><	><	><	><	><	><	><	><	><		6.1	
	17.4	29.3	27.4	18.5	1.3							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATULUMY BRANCH USAFITAC AIR FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12Hus	KSC SHITTLE APT FL	63-78	YEARS	MOA
	ALL	dE THE		0000=0200 HOURS (L.S.Y.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.1	1.4	1.9	2.2								6.8	8.3
NNE	. 2		1.0									2.3	7.4
NE		, R	1.0	. 7								2.8	7.8
ENE	1.2	1.6	1.6	ž								5.1	6.3
E	1.9	3.7	4.0	1.0								10.6	6.6
ESE	1.6	2.9	1.3	- 4								6.2	5.3
SE	Ü	2.0	4									3.3	4.4
SSE	1.7	2.7	. 2							1		4.6	4.1
\$	1.3	2.2	1.0	• 7						1		5.2	5.9
ssw	1.7	1.1	8	- 2								3.8	5.0
sw	1.2	6	6									2.4	6.8
wsw	1.6		2									2.9	3.6
w	2.1	4.2		- 1							·	7.2	4.7
WNW	1.6	3.2	2.7									7.9	5.7
NW	2.2	5.2	3.1	1.3								11.9	6.0
NNW	2.3	2.6	1.2	- 8								6.9	5.6
VARBL	-		_							!			
CALM	><	> <	> <	\times	><	> <	><	>	> <	$\supset <$	>	10.1	
	22.0	36.0	21.8	9.1	1							100.0	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATULUSY BRANCH USAFETAG AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12805	KSC SHUTTLE APT FL	59=78	<u>સ્છે /</u>
STATION.	STATION MANE	YEARS	MONTH
		ALL WEATHER	0300-0500
		CLASS	HOURS (L S.T.)
		CONDITION	_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.0	1.3	1.6	1.9	- 1							5.9	8.4
NNE	. 2	1.0	.9	• 2								2.3	6.7
NE	-6	1.3	1.6	. 7								4.1	7.4
ENE	1.7	2.3	.0	9,6								4.8	4.9
E	1	2.8	3.0	9								8.8	6.1
ESE	2.1	1.8	1.2			·	!					5.3	4.9
SE	1.6	1.6	. 6									3.7	4.3
SSE	. 2	. 9										1.3	4.5
S	1.9	1.1	. 9	. 2								4.1	5.1
ssw	1.0	1.7		1								3.1	4.9
5W	1.6	1.0	.4							İ		3.0	3.8
WSW	1.7	1.4	4					ļ				3.6	4.0
w	2.9	4.3	1.0									8.2	4.3
WNW	2.1	3.6	1.4	- 2								7.6	4.8
NW	3.2	9.7	4.8	_lab	1							14-6	6.5
NNW	2.4	4.1	2.3	ا تعالی								9.9	6.0
VARBL						·							
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	\times	\times	\times	X	9.8	
	26.4	34.9	21.2	7.4	.2							100.0	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL GLIMATULUGY BRANCH USAFFTAL AIR HEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	<u> </u>	STATION NAME YEARS									NUV		
					ALL W	EATHER.						0600	
					c	LASS						MOVE	l (L.B.T.
	_				CON	DITION							
													
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEA WIN SPEI
N	1.7	1.8	1.0	101						-		5.0	6
NNE	9	.7	ii					+		1		2.6	5
NE	• 6	1.2	ied							1		3.6	-
ENE	1.7	1.7	1.5	. 8								5.7	
E	3.2	2.5	2.6					1	1			8.0	
ESE	1-4	2 2	- 4									4.2	
SE		1.4	. 2	-								2.0	
SSE	ا ذم	1.0	2					;				2.0	
s	1.2	1.2										3.6	
SSW	1.8	1.2	8									3.8	
sw	1.6	۵.										2.6	
WSW	1.6	. 7										2.2	
w	2.3	1.0	.4						1			4.7	
WNW	3.4	4.0	1.3	2				!	1			9.0	
NW	4-8	5 8	5.9	lab	,	I						18.1	
NNW	2.9	4.2	2.4	1.9				!				11.4	6
VARBL													
CALM												10.7	

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATGEORY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1286R	KSC SMUTTLE APT FL	59-78 YEARS	NUV NONTH
		ALL WE THE	0900-1100 HOVES (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	- 9	1.9	4.8	2.1	.7	- 1						11.2	9.4
NNE		اقمل	1.7	1.1			<u> </u>					5.3	7.3
NE	. 4	1.3	2.0	1.4			Ì		i			5.2	8.0
ENE	.4	1.7	2.9	2.1			Ĺ					7.1	8.3
E	1.6	3.1	4.3	lal								9.6	7.3
ESE	•7	_1.9	2.2	- 3			1					5.1	6.7
SE	-4	. 3	2.1	• 2			l	1				3.1	7.5
SSE	. 2	. 6	1.2	. 3			į					2.3	7.3
5	. 4	1.7	1.7	ة و						1		4.6	7.5
SSW	1.2	. 9	1.4									4.7	7.1
SW	. 9	1.1	1.8					!				3.8	6.2
wsw	. 4	1.7		• 2			Ĭ					3.0	5.9
w	٧	1.9	1.2	• 7							I	4.8	6.5
WNW		1.6	2.2	1								4.7	قعط
NW	1.4	2.7	3.0	2.6								10.2	7.9
NNW	1.2	4.0			.2							12.3	7.5
VARBL													
CALM	><	> <	><	><	><	> <	$\geq <$	\geq	$\geq <$			3.0	
	12.2	28.0	38.2	17.4	1.0							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATULURY BRANCH USAFFTAC AIR HEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

- K?C	SHUTTLE	APT	N NAME				-78		YEARS				HONYH
					ALL sel-	THEIL						1200 HOVE	0-1400 ((3.7.)
					соя	IDITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		2.3	فمك	7.4	- 4	1				1		15.8	10.4
NNE	7	2.0	4.1	1.9	1			1				8.8	2.4
NE	- 4	2.2	2.1	ذ و [L					6.7	7.6
ENE	4	1.0	4.0	1.8			i					7.2	8.5
E	4	3.2	4.9									10.7	7.9
ESE	- 6	2.1	404	4			1			1		7.1	7.0
SE	1	8	2.3	1.0	-1			;				4.3	8.8
SSE		1.2	3.3	1.1				:	i	1		5.8	P.1
S		1.2	lad	- 61			1			†		4.3	7.9
SSW		.2	. 7									1.6	9.2
5W		4	2.2	نو			i			1		3.3	8.3
wsw		.6	2.1	- 4								3.3	7.9
w	7	1-6	1.2	7	I			1	<u> </u>		1	4.1	5.9
WNW		1.1	1.6	1.1			1				·	3.9	8.9
NW		1.1	2.3	Q.			1	!				4.6	8.1
NNW	3	1.6	2.3	3.3	3			1		1	1	7.9	9.9
VARBL										1	-	1	
CALM	$\geq \leq$	\ge	$\geq \leq$	$\geq \leq$	><	$\geq <$	$\geq \leq$		\geq		$\geq \leq$.7	
- 7		22.7	44.0	25.4	1.1	,						100.0	

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATULUMY BRANCH USAFFTAC AIR FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1286F BTATION	KSC	SHUTTLE	APT F	HAME -			53	-73		rears				IL V
		_			· · · · · · · · · · · · · · · · · · ·	ALL NE	THE						1500 would	-1700 (13.7.)
						CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 · 55	≥ 56	*	MEAN WIND SPEED
	N	1.6	4.7	0.3	5.2	.1							17.9	E.4
	NNE	.4	3.6	3.0	1.2								P.7	7.0
	NE	1.3	٥٠٤	2.0	.4								6.8	6.0
	ENE	1.1	2.9	ن و د	• 7								8.2	6.6
	E	1.5	5.6	4.3	100						1		13.1	6.4
	ESE	1.4	3.8	2.4	ذو			ļ				<u> </u>	8.0	5.7
	SE	1.7	2.0	1.0	.4			<u> </u>	<u> </u>	Ĺ	ļ		5.7	5.8

NE	1.3	٥٠٤	2.0	.4							i	6.8	6.0
ENE	1.1	2.9	ن و د	• 7			<u> </u>				<u> </u>	8.2	6.6
E	1.5	5.6	4.3	100						i		13.1	6.4
ESE	1.4	3.8	2.4	ذو		i					i	8.0	5.7
SE	1.7	2.0	1.0	.4					İ			5.7	5.8
SSE	.4	1.3	1.6	9							1	4.2	7.4
S	. 3	. 2	2.1	اذرو								3.0	2.3
ssw	د م	. 8	. 3			<u> </u>			<u> </u>			1.4	5.4
5W		2	. 8	•2		<u> </u>	<u> </u>	1		L.	1	1.2	8.5
wsw	. 2	1.1	• 7					1				2.0	6.1
W	2	1.6	1.4	8		<u> </u>		<u> </u>	<u> </u>		İ	4.0	7.5
WNW	-1	1.2	2.0	.6		1	1	1	ļ		·	3.9	7,7
NW	2	1.0	1.2	9.3		<u> </u>	<u> </u>				<u> </u>	2.9	7.9
NNW	9	1.1	2.2	leó	. 3		1					6.1	8.5
VARBL								<u> </u>					
CALM	><	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	\geq	\geq	\geq	$\geq \leq$	2.8	
	12.7	34.0	35.6	14.3	6							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 899

GLUDAL CLIMATULUSY SPANCH USAFCTAC AIR LEATUER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

KSC	SHUTTLE	APT	NAME			69.	- 7 .8		YEARS	· · · · · · · · · · · · · · · · · · ·		<u> </u>	ONTH
	_				ALL A	THE				_		1800 HOURS	= 200 (L3.T.)
					con	SITION		,					
SPEED												 	MEA
(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	WIN
N	4.6	4.0	3.7	1.7								13.9	5
NNE	2.1	2.7	1.1	1.1								7.0	5
NE	2.4	1.1	1.3	. 7								5.6	5
ENE	1.0	1.7	1.4	1.1								6.0	_6
E	4.4	4.1	1.8	1.6						L		11.3	5
ESE	2.0	2.0	نة و						<u> </u>			5.6	4
SE	3.0	1.8	8				<u> </u>			1		5.6	4
SSE	1.0	2.4						1		1		4.8	4
<u> </u>	1.0	2.3	1.1			L	ļ		ļ	ļ		4.9	5
_ SSW	-4		7			<u> </u>	: 	·	ļ			1.4	5
sw			- 4			ļ	<u> </u>		<u> </u>	ļ		1.2	4
wsw	-8	9				ļ	ļ		<u> </u>	 		2.0	4
w	2.6	3.1	B	- 2		L		<u> </u>	ļ	ļ		6.7	4
WNW	- 7	1.3	.	3				i		ļ		3.1	5
NW	1-1	1.0	-8			-1		<u> </u>	<u> </u>	 		3.3	6
NNW	1.0	2.2	1.2	3	1		<u> </u>		 	+		5.7	5
VARBL									 			ļi	
CALM		$\geq \leq$	> <	><	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$		$\geq \leq$	12.0	
	31	31 2	17.7	7.5	. 1	,						100-0	4

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

200

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GEOBAL CEIMATELHAY BRANCH USAFRIAC AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12851 STATION	KSC SHITTLE APT FL STATION NAME	<u> </u>	YEARS	MONTH AGA
		ALL ME, THE C		2100-2300 Nous (LS T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.6	2.8	2.4	1.5						1		R.6	6.7
NNE	1.4	1.3	1.3	• 5								4.7	6.0
NE	1.0	1.1	1.0	• 9								4.0	6.6
ENE	1.4	1.4	2.0	• (-								5.7	6.8
E	3.C	3.8	3,0	1.4								12.0	6.3
ESE	2.3	2.6	.6									5.7	4.3
SE	2.3	1.6	. 4									4.3	3.8
SSE	2.1	2.7	1.1	• 2			!					6.1	404
\$	1.3	1.7	1.0	• 7				i		1		4.7	0.0
ssw	.6	1.1	8•	1			1	!				2.6	5.4
sw	1.1	.6					I					2.0	4.2
W5W	. 6	. 8	•1									1.4	4.4
w	2.3	3.6	2.1	7								8.7	5.5
WNW	led	2.6	1.6	د ه								6.7	5.6
NW	2.3	2.3	2.0	. 7								7.3	5.7
NNW	2.0	1.4	1.0	• 3								4.8	5.1
VARBL													
CALM	><	><	\times	><	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	><	><	><	10.9	
	27.7	31.2	21.6	8.7								100-0	5.0

TOTAL NUMBER OF OBSERVATIONS

GLOBAL GLIMATOLUCY BRANCH USAF-TAC AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Kac	21/11/11/11/P	STATION	MAME				- 73		YEARS				IONTH
	-				ALL NO	THE:							L.
					сон	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 36	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.5	2.5	ا 4 و د	3.0	.2							10.5	3.
NNE	Ų.	1.7	1.7	- (;	.0		·		1			5.2	6.
NE	- (4	1.5	1.6									4.0	6.
ENE	1.7	1.8	2.2	1						• • • • • • • • • • • • • • • • • • • •		5.2	6
E	2.1	3.6	3.0	1.2								10.5	6
ESE	1.6	2.4	1.6									5.9	5
SE	1.3	1.4	lal		- 0							4.0	5.
SSE	g	1.6	1.1					·				3.9	- 5
S	1.0	1.5	1.3									4.3	6
SSW	9	9	. 7	3								2.8	5
sw	9	6	و	a i								2.4	5
wsw	Q	1.0	•6									2.5	5.
w	1.0	2.8	1.1	4	0.				-			6.0	5
WNW	1.4	2.3	1.7									5.8	5.
NW	1.3	3.0	3.0	1.2		•0						9.1	_ 64
NNW	1.7	2.7	2.2	-1-5	i							8.1	6.
VARBL											i		
			<u> </u>	\	$\overline{}$	<						+	

TOTAL NUMBER OF OBSERVATIONS 7199

GLUBEL CLIMATHLUSY BRANCH USAFITAC AIR LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TION	KEC	SHUTTLE	APT F	L			59	-78		YEARS			<u>_</u>	t C
1104						ALL WE	THE !							-0200 (LIT)
							DITION						HOVES	(LST)
		_					****		····					
	SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	* * .	MEAN WIND SPEED
	N	. 9	1.4	1.2	• 6:								4.1	5.8
	NNE	. 9	1.0	• 4									2.0	4.7
	NE		. 6	• ti							!		2.4	5.8
	ENE	0	1.1	1.3	ر.	• 2	• 1						3.9	3.3
	E	1.6	2.3	3.0	1.5								7.7	7.2
	ESE	ا ئە 1	1.7	1.4	• 6								4.6	5.5
Ì	SE		1.6	1.0	د و					1	:		4.1	5.4
į	SSE		2.3	1.03	. 4						,		4.2	5.2
	\$	2.2	3.3	1.9	. 3			:					7.7	5.4
	SSW	1.4	3.2	1.6	1.2!								7.4	6.3
į	SW	1.3	1.7	1.0									4.0	5.0
	wsw	1.1	1.2	. 4									2.7	4.2
	w	2.2	4.3	1.3	د								8.3	5.3
	WNW	1.8	3.9	4.7									9.2	6.1.
	NW	2.2	4.3	3.2	1.0								11.3	6.4
	NNW	2.4	2.8	1.8									7.3	5.3
	VARBL									!	1			
	CALM	><	\ge	> <	$\geq \leq$	$\geq <$	$\geq \leq$	><	$\geq <$	\geq	$\geq \leq$	><	8.2	
		21.5	27 2	24.5	9 7	2							1/10 0	5 5

TOTAL NUMBER OF OBSERVATIONS 939

GEODAL CLIMATOLOGY BRANCH USAFCTAC AIR PEATHER SERVICE/PAC

- Charles Cities year as Co.

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u>K.C</u> _	SHUTTLE	APT F	HAME			٠٠٠٠-	-78	 ,	rea Rs				-L
	_				ALL M	THE						0300 HOUSE	-05 (CB)
	_				cos	EDITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	ME WI SPI
N	1.4	1.6	1.0	1.0				:		·		5.4	
NNE	1	5				1						-6	
NE		9	5									1.3	
ENE	ě	9			. 2				ļ			2.9	
E	Н	2.6	Ook	1.6								Bec	
ESE	1.5	1.5	1.4									4.9	
SE			9					1		ii		2.5	
SSE		1.7	1.5				l	: L		I I		4.3	
S	1.5	3.2	1.5		<u></u>					il		7.0	
SSW	1.7	2.4	1.2	9				<u> </u>		ii		6.1	
sw	2.2	1.3				i •		·				4.3	
WSW	1.8	9				<u> </u>		<u></u>				2.8	
w	3.5	3.3	ii			!		·		ll		8.1	
WNW	2.4	3.7	2.9	1.0		<u> </u>		•	· 	<u> </u>		9.9	
NW	3.3	6.1	3.2	2.4	1	ļ		·				15.4	
NNW	1.5	3.3	2.0	6		·		· -		<u> </u>		7.8	
VARBL						<u> </u>			: 	1			
CALM	><	$\geq \!$	$>\!\!<$	> <	$> \leq$	><	><	><	$\geq \leq$	><	$\geq \leq$	8.2	
	24.3	34.5	21.4	نددا	. 2							100-0	

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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TOTAL NUMBER OF OBSERVATIONS

GLUDAL CLIMATULUTY BRANCH USAFRTAC AIR MEATHER SERVICE/MAC

12855 KSC SHITTLE APT FL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION			STATIO	M MYM K					1	TEAUS			•	ONYM
		-			·	ALL WI	THE						<u>ეგეე</u>	-0800 (111)
			<u></u>			CON	DITION							
		-								 				
	SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
	N	1.0	8	• ä	1.1								3.5	7.2
	NNE	. 6	.4	•2	• 4								1.5	5.5
	NE		.6	.2		• 1							1.7	5.1
	ENE	.0	1.0	1.3	. 3	. 2							3.4	7.7
	E	1 .>	2.2	1.6	1.0								5.5	7.3
	ESE	1.4	1.8	1.4	• 2								5.2	6.0
	SE	. 5	1.0		_ 4								2.7	5.7
	SSE	د.	1.1	1.1	9.4				1				3.2	7.3
	S	1.4	2.2	2.3	1.0								6.8	6.5
	SSW	1.2	1.4	1.3	• 6								4.5	6.5
	sw	2.5	1.3	. 5				<u></u>					4.4	4.1
	wsw	2.4	lel		1			i	·	i 			3.3	3.5
	w	3.2	2.5	1.1	• 2	1							7.1	4.5
	WNW	4.4	4.0	2.2	دو		ļ ——————		1	<u> </u>]]		11.1	5.0
	NW	3.4	7.0	5.3	2.4								18.1	6.4
	NNW	2.4	3.7	1.3	ووا								9,1	5 . R
	VARBL	1	1								Ĺi]
						_	_	_			\sim	_	1 1	

USAFETAC FORM (0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATCHORY BRANCH USAFITAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		STATIO	-						YEARS			•	HONT
	_				ALL al	THE			·			0900) -
					CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	
N	1.0	1.8	3.9	2.1				· · · · · · · · · · · · · · · · · · ·	!	•		8.7	_
NNE		6	1.1									3.0	
NE		. 3										1.4	
ENE	1		2.2	1		1						3.7	
E		1.1	3.4	دما								0.7	
ESE		6	2.5	Leu								4.2	
SE	6	1.3	1.8									4.6	
SSE		1.0	1.5	102				<u> </u>				4.1	
S	1.2	1.7	4.2	2.5				!				9.5	
SSW		. 9	1.4	1.1	1			i 				3.9	
SW		1.6	1.7		<u> </u>			ļ	ļ			4.4	
wsw	5	2.4						· 	<u>:</u>			4.0	_
w	1.3	1.8	2.2						!			6.5	_
WNW	9	1.5	1.9	2.2	1	1			<u> </u>	<u> </u>		6.7	L
NW	1.3	2.9		2.4				·		ļ		13.7	
NNW		3.1	3.9	203	5					·		11.3	_
VARBL										L			_
CALM												3.9	

TOTAL NUMBER OF OBSERVATIONS 930

GLADAL CLIMATDLERY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

T

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12802 STATION	KSC SMITTLE APT FL	<u>69-78</u>	YEARS	<u>CEC</u>
		ALL WESTHER		1200-1400 HOURE (L S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. 3	2.5	5.2	5.4	. 4	نو						14.1	10.
NNE	.3	1.6	2.4	1.0								5.3	7.
NE	5	. 9	. 9	. 0								2.9	7.
ENE	. 4	1.7	2.3	• (4	.1							4.0	7.
E	.4	1.9	3.7	1.2	.3						i	7.5	8.
ESE		1.3	2.5	1.3							1	5.1	8.
SE	. 1	.6	2.6	1.0								4.9	9•
SSE	• 2	1.1	4.5	2.0								8.6	9.
S	. 0	2.0	3.9	2.0	.1							9.7	8.
ssw	.5	.6	2.5	1.2								5.1	9.
sw	•1	. 5	1.5	1.3	• 1							3.5	9.
wsw	-1	1.5	1.3	• 5					1			3.4	7.
w	• 1	1.2	1.6	2.4	.2							5.5	10.
WNW	•2	1.5	2.6	2.0								6.3	8.
NW	- 1	1.0	2.5	102							1	4.7	8.
NNW	3	1.4	2.6	3.9	.1				<u> </u>			8.5	9.
VARBL											i	1	
CALM	\searrow	> <	><	><	\times	> <	\times	\times	\times	\geq	>><	.9	
	4.5	21.4	42.5	28.8	1.6	- 3						100.0	. 6.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

. Leader 1

Separation.

1 to 1

g - 25 - 4

GLUBAL CLIMATULUGY BRANCH USAFETAC AIR HEATHER SEPVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

кэс	SHUTTLE	STATION	APT FL STATION NAME YEARS										
					ALL #F	THER						1500)=17(
					COM	DITION							
SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAI
DIR.												!	SPES
N	1.2	2.2	6.8	3.9	4					i .		14.4	9
NNE	1.1	2.9	1.7	. 5								6.2	6
NE	1.1	2.2	. 5									3.8	4
ENE	اه	1.7	1.5	. 2	5							4.6	7
E	2.0	2.8	2.7	1.3	.1							8.9	6
ESE	9	2.4	3.4	9.6								7.1	6
SE	1.3	3.8	3.7									9.4	6
SSE	1 1	3.3	4.1	1.7			·	·				9.2	8
<u> </u>	.2	1.8	1.6	1.0								4.6	7
ssw		4	1.3							L		2.2	8
sw	2		1.0	- 3	2							2.2	9
wsw	-2		1.3	2				·				2.4	7
w	1-1-1	1.3	2.7	1.7	2							7.0	8
WNW	-4	1.6	2.0									4.7	7
NW	2	1.3	1.1									3.1	7
NNW	1.2	3.0	2.7	1.2	1							8.2	7
VARSL										L 1			
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	><	><	$>\!\!<$	$\geq \leq$	><	><	$\geq <$	2.0	
	11.9	31.7	38.1	14	1-6							100-0	7.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.91

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR JEATHER SERVICE/MAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12809 KSC	SHUTTLE APT FL	69-78	JLL WONTH
2121132		ALL WE, THE IC	1800-2000 HOVER (C.E.T.)
		CONDITION	**************************************
		Сомрітюм	-

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.2	4.9	3.2	• 0			1					10.1	5,
NNE	1.5	1.4	• 9	• 6								4.5	6.
NE	1.5	1.5		ذ و								3.7	5.
ENE	2.3	1.1	1.1	• 4	. 3							5.0	6.
Ę	1.9	2.3	2.7	1.1								8.1	6.0
ESE	د ۱۰۵	4.3	1.0									7.8	5.
SE	1.0	3.0	1.6	• 2								6.5	5.
SSE	1.1	3.4	3.2	1.0								8.7	6.
S	1.0	1.5	2.3	• 1								4.8	5
SSW	. 3	1.5	1.3	• 3								3.4	6.
sw		- 4		2								1.5	_7.
wsw		.5	.5	• 1								1.3	_ 6.
w	.9	2.9	1.5	• 2								5.5	5.
WNW	2.0	1.8	1.2	. 4								5.5	
NW	1.7	2.4										7.0	5
NNW	1.6	3.7	.8	• 2			<u> </u>		 			6.2	4.9
VARBL												1 200	
CALM		> <	><	> <	> <	> <	> <		> <		>>	10.3	
	22.2	34.7	25.8	6.6	4							100.0	5.

TOTAL NUMBER OF OBSERVATIONS 928

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

... by.

GLOBAL CLIMATULOTY BRANCH USAFTIAC AIR VEATHER SERVICE/HAC

12863 KSC SOUTTLE APT FL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					CON	DITION						
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%
N	2.2	2.5	1.2	6								6.
NNE	1.1	. 8	٠,	. 4								3.
NE	1.0	1.1	. 5	. 5								3.
ENE	y	1.1	. 4	1.4	.2	• 1						4.
E	102	2.2	فوف	• 6	.1							7.
ESE	1.5	3.3	let									6.
SE	8	3.1										5.
SSE	1.3	2.5	2.3					1				6.
S	1.7	4.0	2.7	9								9.
SSW	5	9	1.6	2								3.
SW	1	1.7	٧	- 4								4.
WSW	- 5							ļ				2.
W	1-0	2.6	1.9									
WNW	2.2	2.8	2.4		1			ļ	ļ			B.
NW	2.1	3.0	1.7						ļ			3.
VARBL	1-1	1.9	1.4						!			4.
CALM			$\overline{}$	$\overline{}$	$\overline{}$					$\overline{}$		9.

USAFETAC FORM JR. 84 0-8-5 (OL-A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLUCY SRANCH USAFFTAC AIR SEATHER SERVICE/MAC

1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12868	KSC SHUTTLE APT FL	69-78	UEC
STATION	STATION NAME	YEARS	MONTH
	<i>*.</i>	ALL WEATHER	ALL
		CLASS	HOURS (L S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.4	2.0	2.9	2.0	.1	0						8.4	7.9
NNE	. 8	1.2	• 9	. 4								3.4	6.3
NE	7	1.0	. 5	• 3								2.6	5.9
ENE	. ხ	1.1	1.3	۰Ó	. 2	0						4.1	7.8
E	1.1	2.2	3.0	1.2	-1							7.5	7.4
ESE	1.0	2.1	2.0	• 6	0						1	5.7	5.4
SE	8	1.9	1.7	• 6								5.0	6.0
SSE	6	2.0	2.4	l.i	.0							6.1	7.4
\$	1.2	2.5	2.5	1.1	٥							7.3	6.9
SSW	8 .	1.4	1.5	7	.0			!	ļ			4.5	7.2
SW	1.6	1.1	1.0	. 4	٥							3.6	6.2
wsw	. 8	1.2	• 6	. 2				i 		L		2.8	5.4
w	1.6	2.5	1.6	. 9						L		6.8	6.2
WNW	1.8	2.6	2.2	1.0								7.7	6.5
NW	1.8	3.6	3.3	Les	0				<u> </u>	<u> </u>		10-2	6.7
NNW	1.6	2.9	2.1	1.2	.1							7.9	6.7
VARBL													
CALM	X	\times	><	><	><	$>\!\!<$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	6.5	
	17.9	31.3	29.7	13.7	. 8	1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 7434

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOWAL CELMATURERY BRANCH USAFFTAC AIR FEATHER SERVICE/MAC

WNW

NNW

VARBL

CALM

(

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

R2C	SmuTTLE	APT F	L			<u> 59-</u>	.79		YEARS				LL
					ALL #E	THIE						Δ	LL (L.S.T.)
					сом	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.2	1.4	وما	1.6	.1							6.2	7.5
NNE	1	1.1	1.3	. 7	0	- 43		1		1		3.9	7.7
NE	-0	1.3	1.3	• 5	.0			!				3.8	0.45
ENE	9	1.6	2.0	d								5.4	7.0
E	1.8	3.7	4.4	1.6	.0	U		1				11.5	
ESE	1.7	2.9	3.1	• 15	0	-		:		1		8.6	6.4
SE	1.4	2.3	2.4		Ü	-0				1		7.C	5.6
SSE	1 - 1	2.3	2.6	1.6	.0					1		7.4	7.3
S	1.6	2.6	2.4	1.1	. 1	- (1	-0			1		7.8	6.7
SSW	1.2	1.7	1.0	5		0						4.4	5.0
SW	1.0	1.2	1.0			0						3.7	6.
WSW	3	1.3	9	- 4	0			···	<u> </u>			3.6	6.3
	+	+-							•			H	

۰٥

TOTAL NUMBER OF OBSERVATIONS 87607

4.0

4.9

4.9

7.5

6.4

6.5

6.8

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1.0

GLOBAL CLIMATOLUTY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12800 KSC SAPITTLE APT FL STATION NAME <u>59-79</u> INSTRU ENT CIG 200 TB 1400 FT W/ VSBY 1/2 MI DK NOFE.

AND/UR VSBY 1/2 TO 2-1/2 MI ./CIG 200 FT CK MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	2.6	5.3	4.9	. 3							14.4	7.0
NNE	.4	. 5	. 6	.5				1		1		2.3	8.
NE	. 4	.5	• 5	.3								1.7	7.
ENE	-1	. 4	. 4	ذ و								1.1	3 •
E	.5	.7	.7							1		2.5	7.
ESE	•2	. 4	•5	.4	•2							1.7	8 •
SE	. 4	.3	. 5	• 2	.0							1.5	7.
SSE	.3	.5	2	• 4								1.4	7.
S	1.1	ŝ	1.4	1.6	ن	0		:				5.0	8.
ssw	• 6	1.2	1.3	1.6								4.9	8.
sw	1.0	1.4	1.7	• 9	•0							5.2	7.
wsw	1.2	1.9	2.0	• 8	.0			!	1			5.9	6.
w	2.4	3.4	1.7	1.2	1	1			!			9.0	6.
WNW	2.3	2.3	1.7	1.2	.2							7.8	6.
NW	1.9	2.5	3.4	1.7		• 1						9.6	7.
NNW	2.2	4.1	4.9	5,6	.5							17.3	8.
VARBL												1	
CALM	><	\times	\mathbb{X}	\searrow	><	> <	><		><	$\supset <$	>>	8.8	
	16.3	23.5	27.1	22.1	1.6	.5						100.0	7.

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U & AIR FORCE VINOSCEPTAL TECHNICAL APPLICATIONS CHATER

PART D

CFILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "as assiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived prim hourly-observations, and three sets of tables are presented as follows:

- Annual all years and all hours combined
 By month all years and all hours combined
 By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totale progress to the right and downwird. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, Visibility may be determined independently by reference to the horizontal row of totals at the buttem of the page. The percentage frequency for which the station was meeting or exceeding any given set of minimum may be determined from the figure at the intersection of the appropriate delling column and visibility row; Several emmaples in the use of these tables are shown as the appropriate delling column and visibility row; on mass 2 and 3 below.

U. S. Weether Bureau and Mavy stations did not report equilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 to Japuary 1949 will be modified to limit collings to LD, UUD rect. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no colling" entegory includes clear and scattered conditions, and collings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Havy stations the "no colling" cotegory consists of observations with lens than 6/10 total sky cover and those cases where total chy cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Time, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, waless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING			•				VI\$	IBILITY (ST	TATUTE MI	LES)						
(PEET)	≥ 10	2.	≥ 5	≥ 4	≥ 3	≥ 2 %	≥ 2	214	≥1%	≥ 1	≥ %	≥ %	≥ %	≥ 5/16	≥ %	.≥•
O CHING																
1										\succeq	\geq					
≥ 1800 ≥ 1500					91.0							•				92,6
≥ 1200 ≥ 1000																
≥ 100 ≥ acc																
≥ 700 ≥ 400																
≥ 500 ≥ 400			-	· -	-		-			97.4			†			96.1
≥ 300 > 300			 		<i>"</i>	., .	·			1.6	3	<u> </u>				
2 100						1 10	96.9		†						·	100.0

Read ceiling values independently of visibility under column at right headed ≥ 0 . For instance, from the table: Ociling \geq 1900 feet = 98.65.

Office \geq 500 feet = 98.15.

wisibilities independently of estlings on bottom line opposite > 0. From the table: Visibility > 3 miles = 95.46.

Visibility > 2 miles = 96.96.

Visibility ≥ 1 mile = 98.3%.

To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling \geq 1500 feet with visibility \geq 3 miles = 91.0%. EXAMPLE # 3

ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.45. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility \geq 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLUGY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 KSC SHETTLE APT FL

/0=79

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

0000-0200

CE (IPV)							+180	Pi	TUTE MILE	5						
+EE.	≥'.	≥6	•	2.4	23	22	27 ;	2	≥' .	2		2 -	:	25 °0	2 .	20
Partie 1 Ethinasis 20000	52.6	- 1		- 1				60.6			61.2	61.2	=	62.1		62.4
2000	58.7	64.8	65.4					67.2			67.8	67.8	66.7	68.7	69.4	
≥ 1800	59.0		65.4	66.3	67.0				67.5	68.1	68.1	68.1	-		69.3	69.3
± 150 €	59.8		66.7	67.3	67.9		68.5		68.5	69.1	59.1	69.1	70.0	70.Q	70.3	70.3
≥ 14000	60.8		67.4	68.4	69.0	69.0	69.5	•	69.5	70.2	70.2	70.2	71.0	71.Q	71.4	71.4
≥ 12600	61.9		69.0	69.5	70.2	70.2	70.7	70.7	70.7	71.4	71.4	71.4	72.2	72.2	72.6	72.6
≥ 10000	64.7	71.4	72.1	72.7	73.3	73.3	73.8	73.8	73.8	74.5	74.5	74.5	75.3	75.3	75.7	75.7
≥ ∞300	65.8	73.2	74.0	74.5	75,1	75.1	75.7	75.7	75.7	76.3	76.3	76.3	77.2	77.2	77,5	77.5
≥ 8(H)¢	67.2	74.9	75.7	76.2	76.4	76.9	77.4	77.4	77.4	78.d		78.d		78.9	79.2	79.2
≥ 7000	68.2	76.1	76.9	77.4	78.0	78.0	78.6	78.6	78.6	79.2	79.2	79.2	80.1	80.1	80.4	80.4
≥ 5000	68.7	76.7	77.5	78.0	78.7	78.7	74.2	79.2	79.2	79.9	79.9	79.9	80.7	80.7	81.1	81.1
≥ 5000	70.1	78.7	79.4	80.0	80.7	80.7	81.3	81.3	81.3	81.9	81.9	81.9	82.8	82.8	83.1	83.1
≥ 4500	72.3	81.5	82.2	82.8	83.5	83.5	84.1	84.1	84.1	84.7	84.7	84.7	85.0	85.6	85.9	85.9
2 4000	73.0	82.6	83.3	83.9	84.7	84.7	85.3	85.3	85.3	85.9	85.9	85.9	86.8	86.8	87.1	87.1
± 3560	75.1	85.1	85.9	86.4	87.4	87.4	87.9	87.9	87.9	88.6	88.0	88.6	89.5	89.5	89.8	89.8
≥ 3000	76.9	87.3	88.4	88.7	89.4	89.9	90.4	90.4	90.4	91.1	91.1	91.1	91.9	91.9	92.2	92.2
<u>- 2500</u>	78.1	89.0	89.9	90.4	91.6	91.6	92.1	92.1	92.1	92.8	92.8	92.8	93.6	93.6	94.0	94.0
≥ 2 000	79.5	91.5	92.4	92.9	94.1	94.1	94.6	94.6	94.6	95.3	95.3	95.3	96.1	96.1	96.4	96.4
. 2 1800	80.0	92.1	93.0	93.5	94.7	94.7	95.3	95.3	95.3	95.9	95.9	95.9	96.8	96.8	97.1	97.1
≥ 1500	80.2	92.5	93.3	93.9	95.2	95.2	95.7	95.7	95.7	96.3	96.3	96.3	97.2	97.2	97.5	97.5
≥ 1200	80.6	92.9	93.8	94.3	95.6	95.6	96.1	96.1	96.1	96.8	96.8	96.8	97.6	97.6	98.0	98.0
2 000	80.1	93.0	94.0	94.5	95.8	95.8	96.3	96.3	96.3	97.d	97.d	97.d	97.8	97.8	98.2	98.2
≥ 900	80.7	93.2	94.2	94.7	96.0	96.0	96.6	96.6	96.6	97.2	97.2	97.2	98.1	98.1	98.4	98.4
≥ 800	80.7	93.2	94.2	94.7	96.0	96.0	96.6		96.6	97.2	97.2	97.2	98.1	98.1	98.4	98.4
≥ 700	80.7	93.2	94.2	94.7	96.0	96.0	96.6	96.6	96.6	97.2	97.2	97.2	98.1	98.1	98.4	98.4
≥ 600	80.7	93.4	94.6	95.4	96.4	96.4	97.0	97.0	97.0	97.6	97.4	97.6	98.5	98.5	98.8	98.8
≥ 500	80.7	94.0	94.9	95.5	96.8	96.8	97.3	97.3	97.3	98.0	98.0	98.0	98.4	98.8	99.1	99.1
. ≥ 400	80.7	94.3	95.4	95.9	97.2	97.2	97.7	97.7	97.7	98.4	98.4	98.4	99.2	99.2	99.4	99.6
≥ 300	80.7	94.3	95.4	95.4	97.2	97.2	97.7	97.7	97.7	98.4	98.4	98.4	99.2	99.2	99.4	99.6
≥ 200	80.7	94.3	95.4	95.9	97.2	97.2	97.7	97.7	97.7	98.5	98.5	98.5	99.4	99.4	99.7	99.7
≥ 100	80.	94.3	95.4	95.9	97.2	97.2	97.7	97.7	97.7	98.3	98.5	98.5	99.4	99.4	99.7	99.7
≥ 0	80.7	94.3	95.4	95.9	97.2	97.2	97.7	97.7	97.7	98.5	98.4	98.4	99.5	79.5	99.9	100.0
·	لتنب															

TOTAL NUMBER OF OBSERVATIONS.

929

USAF ETAC 10144 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR BEATHER SEPVICE/MAC

2

CEILING VERSUS VISIBILITY

KSC SHITTLE APT FL 12808 70**-7**9 JAN PERCENTAGE FREQUENCY OF OCCURRENCE 0300-0500

(FROM HOURLY OBSERVATIONS) VISIBILITY STATUTE MILES ≥ 3 | ≥1 ≥: , ≥ , ≥ , 46.5 54.9 55.5 56.6 57.4 57.4 5/.5 57.8 57.8 59.0 59.0 59.0 60.0 60.0 60.3 60.3 20000 ≥ 15000

54.3 63.1 63.9 65.2 66.2 66.2 66.3 66.6 66.6 67.9 67.9 67.9 68.9 68.9 69.2 69.2 54.3 63.1 63.9 65.2 66.2 66.2 66.3 66.4 66.4 67.9 67.9 67.9 68.9 68.9 69.2 69.2 ≥ 14000 ≥ 12004 ≥ 1000° ≥ 900° 9000 ≥ 800C ≥ 6000 ≥ 5000 ≥ 4500 ≥ 4000 ≥ 3500 2 3000 ≥ 2500 ≥ 2000 ≥ 1800 ≥ 1500 1500 1200 1000 ≥ 900 ≥ 800 700 ≥ 600 400 300 100

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR SEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12800 KSC SHHTTLE APT FL 10-79 PERCENTAGE FREQUENCY OF OCCURRENCE

FROM HOURLY OBSERVATIONS

JAn 0600-0800

1 EUN							V/\$1	BOLITY STA	HIM BILT	5						1
4661	≥ .	ه خ	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥ .	≥1.	≥1	≥ .	≥ .	2	≥ 5 16 .	≥ .	≥0
NO (Filing	36.4	47.0	44.1	44.9	46.0	46.0	46.7	47.4	47.4	48.4	48.9	48.9	50.4	50.4	52.1	53.5
≥ ? 1000	40.3	54.1	55.3	56.2	57.7	57.7	50.4	59.3	59.3	60.4	60.9	60.9		62.9		
≥ 18000	46.5	54.4	55.5	56.4	57.9	57.9	53.7	59.5	59.5	60.6	61.1	61.1	63.1	63.1	65.0	66.6
. ≥ '60.0	47.0	55.0	56.2	57.1	58.6	58.6	59.3	60.2	50.2	61.2	61.8	61.8	63.7	63.7	65.7	67.3
≥ 4000	47.8	55.9	57.1	58.0	59.5	59.5	60.3	61.1	61.1	62.2	62.8	62.8	64.7	64.7	66.6	68.2
≥ 12000	48.8	57.1	58.2	59.2	60.7	60.7	61.5	02.3	62.3	63.4	63.9	63.9	65.9	65.9	67.9	69.5
≥ 10000	51.1	59.5	61.0	62.3	63.4	63.8	64.6	65.4	65.4	66.5	67.1	67.1	69.0	69.d	71.0	72.7
≥ 9/10v,	52.4	01.2	62.4	63.7	65.2	65.2	66.0	66.8	66.8	67.9	68.5	68.5	70.4	70.4	72.4	74 - 1
÷ 8000	53.2	62.2	63.4	64.7	66.2	66.2	. ,	67.8	67.8	68,9	69.4	69.4	71.4	71.4	73.4	75 · Q
≥ 7000	54.1	63.4	64.6	65.9	67.4	67.4	66.1	69.0	69.0	70.1	70.4	70.4	72.6	72.6	74.6	76.2
≥ 6006	55.5	65.2	66.4	67.7	69.4	69.2	70.0	70.6	70.8	71.9	72.4	72.4	74.4	74.4	76.4	78.0
± 5000	56.3	65.2		68.7	70.2	70.2	70.9	71.8	71.8	72.9	73.4	73.4	75.3	75.3	77.5	79.1
. ≥ 4500	57.9	68.5	69.8	71.0	72.6	72.7	73.4	74.3	74.3	75.3	75.9	75.9	77.8	77.8	80.0	81.6
± 4000	58.6	69.7		71.8	73.3	73.4	74.2	75.0	75.0	76.1	76.4	76.6	78.6	78.6	80.7	82.3
≥ 3500	60.5	72.0	73.3	74.6	76.1	76.2	77.0	77.8	77.8	79.Q	79.5	79.5	81.5	81.5	83.6	85.3
≥ 3000	61.9	74.	75.3	76.6	78.1	78.3	79.1	80.0	80.0	81.2	81.7	81.7	83.0	83.6	85.8	87.4
: ≥ 2500	62.9	75.3	76.6	78.0	79.7	79.9	80.7	81.0	81.6	82.8	83.3	83.3	85.3	85.3	87.4	89.0
≥ 2000	64.2	77.3	78.5	79.9	81.0	81.8	82.6	83.6	83.6	84.8	85.4	85.4	87.3	87.3	89,5	91.1
≥ 1800	64.4	77.7	79.0	80.4	82.1	82.3	83.3	84.2	84.2	85.4	85.9	85.9	87.8	87.8	90.0	91.4
≥ 150C	65.2	79.2	80.6	82.1	83.9	84.1	85.3	86.1	86.1	87.3	87.8	87.8	89.8	89.8	91.9	93.5
≥ 1200	65.4	79.]	81.1	82.6	84.3	84.5	85.	86.5	86.5	87.4	88.4	88.4	90.3	90.3	92.5	94.1
≥ 1000	66.0	80.3	81.6	83.2	84.9	85.1	B6.3	87.3	87.3	88.6	89.1	89.1	91.1	91.1	93.2	94.8
≥ 90C	66.1	80.43	82.1	83.7	85.6	85.8	87.0	87.9	87.9	89.2	89.8	89.5	71.7	91.7	93,9	95.5
≥ 800	66.4	81.1	82.5	84.1	86.0	86.2	87.4	88.4	88.4	89.7	90.2	90.2	92.1	92.1	94.3	95.9
≥ 700	66.4	81.4	82.8	84.4	86.3	86.5	87.7	88.7	88.7	90.d	90.5	90.5	92.5	92.5	94.6	96.2
≥ 600	67.0	82.3	83.7	85.4	87.3	87.5	88.7	89.7	89.4	91.1	91.6	91.4	93.5	93.5	95,7	97.3
≥ 500	67.0	82.4	84.0	85.6	87.5	87.7	88.9	89.9	90.0	91.4	91.9	91.9	93.9	93.9	96,6	98.2
≥ 406	67.0	82.5	84.4	86.1	88.4	88.4	89.7	90.7	90.9	92.2	92.8	92.8	94.7	94.7	97,5	99.1
≥ 300	67.0	82.9	84.5	86.2	88.4	88.6	89.9	91.0	91.1	92.5	93.d	93.0	94.9	94.9	97.7	99.4
≥ .200	67.0	82.9	84.5	86.2	88.4	88.6	89.9	91.0	91.1	92.5	93.0	93.0	94.9	94.9	97.7	99.5
≥ 100	67.0	82.9	84.5	86.2	88.4	88.6	89.9	91.0	91.1	92.5	93.1	93.1	95.0	95.0	97.8	99.6
≥) <u> </u>	67.0	82.9	84.5	86.2	88.4	88.6	89.9	91.0	91.1	92.5	93.1	93.1	95.Q	95.a	97.8	100 · a

929

USAF ETAC 100 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL

70-79

- <u>1</u>414

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

0900-1100

CEILING							¥1\$1	BILTY STA	Tute Mile	5						7
1 +661	≥10	≥ 6	≥ 5	≥ 4	2.3	≥2	≥ /	≥'	21.	5.	2.	≥ ,	≥ .	≥5 16	≥ .	≥0
NO CEUNG ≥ 20000	42.6 59.5	47.2	47.3		47.3	47.3	47.3	,	47.3	47.4	47.4	47.4	47.4	47.4	47.5	47.5
≥ 18000 ≥ 16000	59.6 59.8	64.9	65.0	65.8	65.3	65.3	65.9	65.3	65.3	65.4 66.0	65.4	65.4 66.0	65.6	65.6	65.8	65.8
≥ 14000 ≥ 12000	61.0	68.7	67.1	67.3	67.4	69.2	67.4	67.4	67.4	67.5	67.5	67.5	67.7	67.7	68.0	69.8
≥ 10000 ≥ 9000	64.9	71.6	71.8 73.2	72.0 73.4	72.2 73.5	72.2	72.2	72 • 2 73 • 5	72.2 73.5	72.3	72.3	72.3 73.7	72.5 73.9	72.5 73.9	72.7 74.1	72.7
≥ 8000 ≥ 7000	68.2	75.3 75.8	75.5 76.0	75.7	75.8	75.8 76.3	75.8 76.3	75.8 76.3	75.8 76.3	76.0 76.6	76.0 76.6	76.0 76.6	76.3 76.9	76.3 76.9	76.6 77.1	77.1
≥ 6000 ≥ 5000	69.7 71.2	77.3 78.9	77.5	77.7	77.8	77.8	77.8	77.8	77.8	78.1 79.7	78.1 79.7	78.1 79.7	78.4 80.0	78.4	78.6	78.6 80.2
≥ 4500 ≥ 4000	72.0	80.1	80.3		80.d 82.3	80.6	80.6	80.6	80.6 82.4	80.9	80.9	80.9	82.9	81.2	81.4	81.4
≥ 3500	75.3 77.5 77.8	83.9 86.2	84.1 86.5 87.3	84.4 86.8 87.6	84.6 87.0	84.6 87.0	84.7	84.7	87.2	84.9	84.9	84.9 87.4 88.3	85.3	87.7	88.0	85.5
≥ 2500 ≥ 2000 ≥ 1800	78.4 78.4	88.2		88.7	89.0	87.8 88.8	88.1 89.0	89.0	88.1 89.0	89.2 89.6	88.3 89.2	88.3 89.2	89.6	89.6	88.8 89.8	88.8
≥ 1500 ≥ 1200	79.1	90.6	89.6	91.5	90.2	90.2	90.5	90.5	90.5	90.8	90.8	90.8	91.1	91.1	91.3	91.3
≥ 1000 ≥ 900	80.6	91.7	92.4	92.8	93.1	93.1	93.4	93.4	93.4	93.7	93.7	93.7	94.0	94.0	94.2	94.2
≥ 800 ≥ 700	81.0	92.6	93.4	94.7	94.6	94.6	95.1 95.8	95.8	95.8	95.3	95.3	95.3	95.6	95.6	95.8	95.8
≥ 600	81.5	94.2	95.5	96.0	96.7	96.7	97.1	97.1	97.5	97.5	97.5	97.5	97.8	97.8	98.1	98.4
≥ 400	81.5	94.4	95.8	96.5	97.4	97.4	97.5	97.5	98.1	98.4	98.2	98.5	98.8	98.8	99.5	99.5
≥ 100	81.6	94.7	96.1	96.6	97.4	97.4	97.8	97.8	98.1 98.1	78.5	98.8	98.8	99.6	99.6	99.8	100.0
≥ 0	81.4	94.7	96.1	96.5	97.4	97.4	97.8	97.8	78.1	78.5	98.8	98.8	79.6	79.6	77.8	100.0

TOTAL NUMBER OF OBSERVATIONS,

USAF ETAC 101 at 0+14-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

12868 KSC SHUTTLE APT FL

70-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

(FEDNE)							VISI	BILITY STA	ataite Mai	E S						
. LEE,	≥10	≥6	≥ 5	≥ 4	23	≥:	27	≥1.	≥1 ≥	≥1	≥ 4	≥ ,	<u> </u>	≥5 18	≥ .	≥0
NO CEUNO	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	-		47.0	47.0	47.0	47.0	47.0
< 20000	67.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ +8000	68.0	;	68.9	68.9	68.9	68.9	68.9		68.9			68.9	68.9	68.9		68.9
	4.66	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000	69.6	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5		70.5	70.5	70.5	70.5	70.5	70.5
≥ 12000	71.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 10000	73.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.9	74.5	74.5
≥ 9000	74.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 8000	75.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 7000	76.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 6000	77.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.4
2 5000	78.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80-2
≥ 450C	79.1	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4006	80.3	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
2 3500	83.1	86.3	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.4
≥ 3000	85.1	88.5	88.5	88.6	88.6	88.6		88.7	88.7	88.7	88.7	88.7	88.7	66.7	88.7	88.7
> 2500	86.9	90.9	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2006	88.2	92.4	92.7	92.8	92.8	92.8	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	
≥ 1800	88.3	92.7	93.0	93.1	93.1	93.1	93.3	93.4	93.4	93.5	93.5	93.5		93.5	93.5	
2 1500	88.6		93.8	94.0	94.0	94.0	94.2	94.4	94.4	94.5	1	94.5		94.5	94.5	
≥ 1200	89.1	94.2	94.8	95.2	95.2	95.2	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	89.5		95.9	96.2	96.3	96.2	96.5	96.7	96.7	96.8	1	96.8	96.8	96.8	96.8	96.8
> 900	89.8	95.9	96.6	96.9	96.9	96.9	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	90.1	96.3	97.0	97.3	97.4	97.3	97.5	97.7	97.7	97.	97.8	97.6	97.	97.	97.	97.8
≥ 700	90.1	97.1	97.7	98.4	98.4	98.4	98.7	98.9	98.9	99.0		99.0		99.0	-	99.0
2 600	90.2	97.4	94.1	98.6	98.9	94.0	99.1	99.4	00.4	99.5	99.5	99.4	99.5	99.5	99.5	99.5
≥ 500	90.2	97.4	91.4	99.1	66.1	99.2	99.6	66.8	66.7	90.4	99.4	90.4	60.6	00.0	90.0	99.4
≥ 500 ≥ 400	90.2	97.4	91.4	99.1	99.3	99.2	99.4	99.9	99.		100.d	100.0	100.0	100.d	100.0	100.0
	90.2	97.4	98.4	99.1	66.3	99.2	99.4	99.9	99.4	100.0			100.0			100.0
≥ 300 ≥ 200	90.2	67.1	94.7	99.1	99.2	99.2	99.6	99.9	00.							. •••
	90.2	- 24.7	98.4	60.1	60.1	99.2	99.4	99.9	00.6		100.0					100-0
≥ 100	90.2	777	70.7	99.1	99.2	99.2	99.6	77.7	99.4							
L	70.4	7/07	7009	7704	7714	77.4	77.9	7707	77.7	TOOPA	100-d	100.0	* 00 • 0	-00.0	* 00 · d	•00•u

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLUGY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL

70-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							v 1511	BILITY STA	IT. TE MILE	:5						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.	27	≥1.	≥1.	≥ 1	≥ .	≥ .	2 .	25 +6	≥ .	≥0
NO CEILING	46.0	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	67.8	68.6	68.6		68.6	68.6	65.0	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 18000	68.2	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
. ≥ 16000	68.3	59.0	69.0		69.0	69.0	69.0	69.0	69.0	69.0	69.Q	69.0	69.0	69.0	69.0	69.0
· ≥ 14900	69.7	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000	71.9	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 10000	75.3	76.3	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76 · 1
≥ 9000	78.0	79.0	-		79.0	79.g	79.0	79.0	79.0	79.Q	79.q	79.0	79.a	79.0	79,0	
≥ 8000 ≥ 7000	80.0	81.3	81.2	81.2	81.4	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.Z	
	80.6	82.3	82.3		82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 6000 ≥ 5000	81.8	83.5	83.5	- 1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
F	82.8	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
: ≥ 4500 ≥ 4000	84.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	56.1	86.1	86.1	86.1	40.1	50 · L	86-1
<u> </u>	85.2	90.1		90.1	87.8	87.8 90.1	87.8	87.8	90.1	87.8	87.8	87.5	87.5	87.8	87.5	87.5
≥ 3500 ≥ 3000	87.7	91.1	90.1	91.2	91.2	91.2	90.1	90.1	91.2	90.1	90.1	90.1	90.1 91.2	90.1	90.1	90 • 1
> 2500	88.8	92.6			92.7	92.7		92.7	92.7	92.7	91.2	92.7	92.7	92.7	92.7	91.2
≥ 2000	90.4	94.4	94.4	94.6	94.6	04 4	92.7	94.6	94.4	0.4		اه تم	04.4	04 4	94.6	92.7
≥ 1800	90.4	94.1	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
2 1500	91.1	95.3	95.3	95.6	95.0	95.0	95.6	95.6	95.4	95.6	95.4	95.6	95.6	95.4	95.6	95.6
≥ 120C	91.	96.0			96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	91.6	96.6		96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	94.9	94.9	94.9	96.9
≥ 90C	92.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
j ≥ 800	92.5	98.1	98.3	98.6	98.4	98.6	98.6	98.6	92.4	98.4	98.6	98.6	98.4	98.4	98.4	98.6
≥ 700	92.5	98.4	91.7	99.0	99 · d	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	92.5	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	92.5	98.7	99.1	99.5	99.5	99.5	99.5	99.5	99.4	99.6	99.4	99.6	99.4	99.4	99.6	99.6
≥ 400	92.5	98.7	99.1	99.0	99.4	99.6	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	92.5	98.7	99.1	99.6	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	92.5	98.7	99.1	99.6	99,7	99.7	99.7	99.7	99.8	99,8	99.8	99.8	79.9	99.9	100.0	100.0
001 ≤	92.5	98.7	99.1	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100-0
≥ 0	92.5	98.7	99.1	99.0	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100-0
·																

TOTAL NUMBER OF OBSERVATIONS _______930

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

GLOBAL CLIMATULDAY BRANCH USAFETAC AIR REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12862

2

KSC SHUTTLE APT FL

70-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1800-2000

CEILING							¥151	9-,.*Y 574	.T.TE ₩ :	: 5						
FFET	≥10	26	≥ 5	≥ 4	23	≥2.	22	≥	≥'.	≩'	2.4	≥ .	-	≥5 6	2.4	≥ ≎
NO CEILING	50.5	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.5			51.9	51
≥ 20000	63.9	05.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65
≥ 18000	64.4	65.9	66.1	66.1	66.1	66.1	56.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66
≥ 16000	65.1	66.7	67.d	67.0	67.0	67.0	67.0	67.¢	67.0	67.Q	67.d	67.0	67.q	67.Q	67.1	67
≥ 14000	66.0	67.7	68.0	68.0	68.0	68.0	60.0	68.0	68.0	68.0	68.Q	68.0	58.0	68.0	68.1	68
≥ 12000	67.3	69.7	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69
≥ !0000	70.7	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73
≥ 9000	73.d	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76
> 8000	75.2	78.0		78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78
≥ 7000	76.1	79.0	7	79.3	79.	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79
≥ 6000	77.9	80.9	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81
≥ 5000	79.2	62.8		83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	
≥ 4500	81.9		86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	
≥ 4000	82.7	87.4	87.1	87.7	87.7	87.7	87.	- 1	87.4		87.6	87.6	87.8	87.8		
	85.0			90.1	90.1			90.2	90.2	90.2	90.2	90.2	90.2	90.2		
≥ 3500 ≥ 3000	86.3	91.3			91.6	90.1	90.2		91.7	91.7		91.7	91.7			
								91.7			91.7			91.7	91.6	91
≥ 2500 ≥ 2000	87.8	- 1	93.4	93.4	93.5	93.5	93.6	93.6	93.6		93.6	93.6	93.6	93.6	93.9	93
	88.8	94.3	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95,0	
≥ 1800 > 1600	89.7	95.2	95.6	- 1	95.7	95.7	95.8	95.0	95.4	95.8	95.8	95.8	95.8	95.8	95.9	95
≥ 1500	90.5		96.6	96.8	96.9	96.9	97.0		97.g		97.q	97.g		<u>97.0</u>	97,1	
≥ 1200	90.9		97.3		97.6	97.6	97.7	97.7	97.7	77.7	97.7	97.7	97.7	97.7	97,4	91
≥ 1000	91.0		97.4	97.6	97.7	97.7	97.8	97.4	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98
≥ 900	91.2	97.2	97.4		98.0	98.0	98.1	98.1	98. j	98.1	98.1	98.1	98.1	98.1	78.2	98
≥ 800	91.2	97.3	97.7	98.0	98.1	98.1	98.2	98.2	78.2	98.2	98.2	98.2	98.2	98.2	78,3	91
≥ 700	91.4	98.1	98.5	98.7	98.4	78.8	98.9	98.9	78.9	98.9	98.9	98.9	98.9	98.9	99.Q	99
≥ 600	91.4	98.2	98.7	98.9	99.0	99. ¢	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99
≥ 500	91.4	98.2	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99
≥ 400	91.4	98.2	98.7	98.9	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99
≥ 300	91.4	98.2	98.7	98.9	99.1	99.2	99.3	99.7	79.1	79.7	99.7	99.7	99.7	99.7	77.	99
≥ 200	91.4	98.2	98.7	98.9	99.1	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.4	99
> 100	91.4	98.2	98.7	98.9	99.1	99.2	99.5	99.7	99.1	99.7	99.7	49.7	99.7	99.9	99.	99
≥ 100 ≥ 0	91.4		98.7	98.9	99.1	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.1	100
				1				7.44								- 77

TOTAL NUMBER OF ORSERVATIONS

929

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR #EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

2

KSC SHUTTLE APT FL

10-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS:

2100-2300

CEUNG							VIS1	BILLY STA	TUTE MRE	5						
+66	≥ '0	≥6	≥ 5	≥ 4	ا د ح	2.2	≥?	٠. ا	≥١.	2	2 4	٠.	≥ .	≥5 '5	≥ .	≥0
NG CEILING ≥ 20000	54.1	56.8	57.1	57.3	57.3 67.5	57.3	57.3 67.5	57.3 67.5	57.3	57.6 67.8	57.6 67.8	57.6	57.8 68.1	37.8 68.1	58.0	58.0 68.2
≥ 18000 ≥ 16000	63.9	67.2 67.8	67.5	67.7	67.8	67.8	67.8	67.8	67.8	68.2 68.8	68.2	68.2	68.4	68.4 69.0	68.5	68.5
≥ 14000 ≥ 12000	65.5	68.8 69.7	70.0	69.4	69.5 70.3	69.5 70.3	69.5	69.5	69.5	69.8	69.8	69.8	70.0	70.0 70.9	70.1	70 · 1 71 · 0
≥ 10000 ≥ 9000	70.4	74.1	74.4	74.6 76.0	74.8	74.8	74.8	74.8	74.8	75.2 76.6	75.2 76.6	75.2 76.6	75.4 76.8	75.4 76.8	75.5 76.9	75.9 76.9
≥ 8000 ≥ 7000	72.9 74.3	77.2 78.8	77.5	77.7	78.0	78.0 79.6	78.0 79.6	78.0 79.6	78.0 79.6	78.3 79.9	78.3 79.9	78.3 79.9	78.5 80.1	78.5 80.1	78.6	78.6 80.2
≥ 6000 ≥ 5000	76.0 77.7	80.6	81.0	81.2	81.4	81.4	81.4	81.4 83.5	81.4	81.7	81.7	81.7	81.9	81.9	82.0	82.0
≥ 4500 ≥ 4000	80.6	85.9	86.3	86.6	86.8	86.8	86.4	86.8	86.8	87.1 88.7	87.1 88.7	87.1 88.7	87.3	87.3	87.4	87.4
≥ 3500 ≥ 3000	85.3	91.1	90.2	90.5	90.8	90.8	90.8	90.8	90.8	91.1	91.1	91.1	91.3	91.3	91.4 92.7	91.4
≥ 2500 ≥ 2000	87.1	93.2	93.7	94.q 95.7	94.2	94.2	94.2 95.9	94.2	94.2	94.5	94.5	94.5	94.7	94.7	94,8	96.6
≥ 1800 ≥ 1500	88.9	95.7	96.7	96.5 97.0	96.7	96.7	96.7 97.2	96.7	96.7	97.0 97.5	97.5	97.5	97.2 97.7	97.7	97.3	97.9
≥ 1200 ≥ 1000	89.6	96.6	97.3	97.4	97.6	97.6 97.8	97.6	97.6	97.6	98.2	98.0	98.0	98.4	78.4	76.5	98.5
≥ 900 ≥ 800	89.8 89.9	96.9	97.6	97.7 98.0	98.2	98.2	98.0	98.2	98.2	98.5	98.3	98.5	98.7	30.7	79.4	22.5
≥ 700 ≥ 60 0	89.9	97.6	98.2 98.2	98.3 98.5	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.2	99.2	22.4	22-4
≥ 500 ≥ 400	90.0	98.2	98.7	99.d	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100-9	
≥ 300 ≥ 200	90.0	98.2	98.7	99.q	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100,0	00-0
≥ 100 ≥ 0	90.0	1 7 7 3	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100-0

TOTAL NUMBER OF OSSERVATIONS.

930

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

{ 2

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL

70-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEIUN	ı6 .	····						vi\$:	BILITY STA	NTUTE MILE	5						
· FET		≥:0 '	≥6	≥ 5	<u></u> 4	≥ 3	≥2.	≥:	≥'.	≥1.	≥1 :	≥ .	≥ `-	٤.,	25 10	≥ .	≥0
NO (EIL ≥ 200		46.9	50.	51.1	51.4	51.7	51.7	51.8	51.9	51.9	52.4	52.4	52.4	52.9	52.9	53.2	
·	i	60.2	64.9	65.0		65.8	65.8	65.9	66.1	66.1	06.3	00.0	60.0	67.1		67.5	
≥ 180		60.5	64.8	65.2	65.6	66.0	66.0	66.2	66.3	66.3	66.4	66.8	66.8	67.4	67.4	67.7	67.9
≥ 60		60.9	65.4	65.8	66.2	66.6	66.6	66.8	66.9	66.9	67.4	67.4	67.4	68.Q	68.0	68.3	68.2
≥ '40		62.0	66.	66.9	67.3	67.8	67.8	67.9	68.1	68.1	68.5	68.6	68.6	69.1	69.1	69.5	69.7
≥ 120	····	63.3	68.0	68.4	68.8	69.2	69.2	69.4	69.6	69.6	70.q	70.1	70.1	70.6	70.6	71.0	71.2
≥ '00		66.2	71.4	71.9	72.1	72.5	72.5	72.7	72.8	72.8	73.3	73.3	73.3	73.9	73.9	74.3	74.5
. ≥ 90	00	67.8	73.0		74.0	74.4	74.4	74.6	74.7	74.7	75.1	75.2	75.2	75.8	75.8	76.2	76.4
≥ 80		69.1	74.7	75.1	75.6	76.0	76.0	76.2	76.3	76.3	76.8	76.9	76.9	77.4	77.4	77.8	78.9
≥ 70	00	69.9	75.7	76.1	76.6	77.0	77.0	77.4	77.3	77.3	77.8	77.9	77.9	78.4	78.4	78.8	79 • Q
. ≥ 60		71.1	77.0	77.5	78.0	78.4	78.4	78.6	78.7	78.7	79.2	79.2	79.2	79.8	79.8	80.2	80.4
_ ≥ 504	00 ;	72.3	78.5	79.0	79.3	79.9	79.9	80.1	80.3	80.3	80.7	80.8	80.8	81.4	81.4	81.8	82.0
≥ 45	00	74.2	80.9	81.4	81.8	82.3	82.3	82.5	82.7	82.7	83.1	83.2	83.2	83.7	83.7	84.1	84.3
≥ 40	00	75.2	82.2	82.8	83.4	83.7	83.7	83.9	84.1	84.1	84.5	84.4	84.6	85.2	85.2	85.6	85.8
≥ 350	ου .	77.3	84.1	85.2	85.7	86.2	86.2	86.4	86.6	86.6	87.1	87.1	87.1	87.7	87.7	88.1	88.3
≥ 30	00 i	78.8	86.5	87.0	87.5	88.1	88.1	88.4	88.6	88.6	89.d	89.1	89.1	89.7	89.7	90.1	90.3
≥ 25	00	79.4	88.1	88.6	89.2	89.8	89.8	90.1	90.3	90.3	90.7	90.8	90.8	91.4	91.4	91.8	92.0
≥ 20	00	81.1	89.1	90.3	90.8	91.5	91.5	91.8	92.0	92.0	92.5	92.5	92.5	93.1	93.1	93.5	93.7
≥ 18	00	81.4	90.2	90.8	91.4	92.0	92.1	92.4	92.6	92.6	93.d	93.1	93.1	93.7	93.7	94.1	94.3
. ≥ 15		81.9	90.9	91.6	92.3	92.9	92.9	93.3	93.5	93.5	93.9	94.d	94.0	94.6	94.4	95.Q	95.2
≥ 12	00	82.4	91.6	92.4	93.0	93.7	93.7	94.1	94.2	94.2	94.7	94.8	94.8	95.4	95.4	95.8	96.0
j ≥ 10		82.6	92.1	92.9	93.6	94.2	94.3	94.6	94.8	94.6	95.3	95.4	95.4	96.d	96.d	96.4	96.0
÷ 9	oc	82.9	92.6	93.4	94.1	94.8	94.8	95.2	95.4	95.4	95.8	95.9	95.9	96.5	96.5	96.9	97.1
	00	83.0	92.9	93.8	94.4	95.2	95.2	95.6	95.6	95.	96.1	96.3	96.3	96.9	96.9	97.3	97.5
≥ 7	00	83.1	93.4	94.2	94.9	93.7	95.7	96.1	96.3	96.3	96.1	96.9	96.9	97.5	97.4	67.4	98.1
	00	83.2	93.9	94.8	95.6	96.1	96.3	96.7	96.9	96.9	97.5	97.9	97.5	98.1	98.1	94.9	98.7
-	00	83.3	94.1	95.1	95.8	96.6	96.6	97.0	97.2	67.1	97.1	97.8	97.4	98.4	66.4	68.4	99.1
. –	00	83.3	94.3	95.3	96.0	96.4	96.9	97.3	97.5	97.4	90.3	98.2				66.1	66.4
		83.3	97	95.3	96.1	96.9	97.0	97.4	97.6	67.4	68.2	90.3	48.2	66.7	66.7	66.3	
_	00	83.3	94.3	95.3	96.1	96.9	4	97.4	97.7	67.4	98.1	98.4		99.d	99.0		99.
			7763	7703		96.9	67.4		97.7		68.4	98.4	7007	-77. V	66.4	77.7	77.9
2 1	00	83.3	7703	77.7	96.1		37.4	97.4	7: - 3	77.1	90.5	7	77.	99.4	77.0	77.0	77.9
ــــــــــــــــــــــــــــــــــــــ	<u> </u>	83.3	94,3	95.3	96.1	96.9	97.0	97.4	97.7	77.3	76.1	78.9	70.5	77.4	240 1	77.9	100 · a

OTAL NUMBER OF ORSERVATIONS

743

USAF ETAC 10164 0-14-5 (O'L A) PREVIOUS EDITIONS OF THIS FORM ARE ORBOLETE

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL

2

70-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CELLING	i						··51	Bit." - STA	TUTE MILE	5					_	
. FEET	≥10	≥ 6	≥ 5	≥ 4	٠ د ځ	22:	2.7	≥(;	≥' -	≥ '	≥ .	≥ ,	≥ .	≥ 5 16 ;	٤.	≥0
NO CEILING ≥ 20000	56.3 62.4	67.6				61.9		62.2	62.2			62.2 68.8	,	62.5 69.1	62.9	
≥ 18000 ≥ 16000	62.5	67.7 68.1	68.2 68.4		68.7 69.0		68.8	68.9	68.9	68.9	68.9	68.9	69.3	69.3	69.6	70·1
≥ 14000 ≥ 12000	63.0	69.5		69.1 70.2	69 • 4 70 • 4	69.4 70.4	69.5 70.6	69.6	69.6	69.6 70.7	69.6	69.6	70.0 71.0	70.0 71.0	70.3 71.4	70.8 71.9
≥ '0000 ≥ 900 0	67.1 70.3	73.3	73.9 77.9	74.1 78.1	74.3 78.4	74.3 78.4	74.5 78.5	74.6 78.6	74.6 78.6	74.6 78.6	74.6	74.6 78.6	74.9 79.0	74.9 79.0	75.3 79,3	75.8 79.8
≥ 8000 ≥ 7000	71.7 73.6	79.2 81.2	81.8	82.0	80.3 82.3	80.3 82.3	80.4 82.4	80.5	80.5 82.5	80.5 82.5	80.5 82.5	80.5 82.5	80.9 82.9	80.9 82.9	81.2	81.7 83.7
≥ 6000 ≥ 5000	74.5 75.2	82.0 83.3	82.6		83.1	83.1 84.5	83.2	83.3 84.8	83.3 84.8	83.3	83.3	83.3	83.7	83.7 85.1	84.0 85.5	84.5 85.9
≥ 4500 ≥ 4000	76.6 78.8	87.6	88.3	88.5	86.4	86.4 88.8	86.5	86.6	86.6	86.6	86.6	86.6	87.0 89.4	87.0 89.4	87.4	87.8 90.2
≥ 3500 ≥ 3000	80.4 81.2	90.9	90.2	91.5	90.7	90.7	90.8	90.9	90.9	90.9		90.9	91.3	91.3	91.6	92·1 93·5
≥ 2500 ≥ 2000	81.9	92.2	92.9	92.6	92.5	92.8	92.9	93.7	93.0	93.7	93.0	93.0	93.4	93.4	93.7	94.9
≥ 1800 ≥ 1500	82.4	92.2	94.1	93.4	93.7	93.7	93.9	94.0	94.0 95.0	94.0	94.0 95.0	94.0	94.3	94.3	94.7	95.2
≥ 1200 ≥ 1000	83.0 83.2	93.5		95.4	95.3	95.7	95.4	95.5	95.5 96.0	95.5	95.5	95.5	95.9	95.9	96.2	96.7
≥ 900 ≥ 800	83.5 83.5	94.7	95.7 96.0	96.1 96.3	96.7	96.5	96.6	96.7	96.7	96.7	96.7	96.9	97.0 97.3	97.0	97,6 97,6	97.9
≥ 700	83.7	95.5	96.9	97.3	97.6	96.8	96.9	97.9	97.9	97.9	97.9	97.0 97.9	98.2	97.4	98,6	
≥ 500 ≥ 400	83.7	95.6	97.0		97.8 97.8	97.8 97.8 98.0	97.9	98.0	98.0	98.2	98.0 98.2	98.2	98.6	98.6	78.7	99.4
≥ 300 ≥ 200	83.7	96.0		97.9	98.2	98.2		98.2 98.5	98.5	98.8	98.8	98.8	99.2	99.2		100.0
2 100	83.7	96.0	1 1	97.9	98.2	98.2	98.3	98.5	98.5	98.8	98.8	98.5	99.2	99.2		100-0

TOTAL NUMBER OF ORSERVATIONS

846

USAF ETAC 100 to

GLOBAL CLIMATBLOGY BRANCH USAFETAC AIR JEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHITTLE APT FL

70-79

FE8

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

ENUNCS							V15	BILLITY STA	HUTE MILE	5						
· 1661	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2.	≥ 2	≥`i.	2'4	≥1 :	2 . !	≥ ,	2	≥5 10	≥ .	≥0
NO CEILINU ≥ 20000	47.0 53.3	57.8 59.7	53.3		54.3	54.3 61.5			54.4	54.9 62.1	54.9	54.9	55.7 62.9		56.2	
≥ 18000	53.3	59.1		60.9							62.1	62.1	62.9			
· ≥ 16000 · ≥ 16000	53.9	60.4	60.3	- 1	61.5	61.5	61.6		61.6		62.8	62.8			64.1	63.5
≥ 14000	55.0	61.5	62.1	62.7	63.3	63.3	63.4	63.4	63.4	63.9	63.9	63.9	64.7	64.7	65.2	
≥ 12000	55.5	62.1	62.7	63.3	63.9	63.9	64 d		64.0		64.5	64.5	65.3	65.3	65.8	
≥ 10000	58.6	65.9	66.5	67.1	67.7	67.7	67.8	67.8	67.8	68.2	68.2	68.2		69.3	69.8	69.9
≥ 9000	60.8	68.4	69.0	69.5	70.1	70.1	70.3	70.3	70.3	70.7	70.7	70.7	71.8	71.8	72.3	72.4
≥ 8000	62.3	70.5	71.1	71.6	72.4	72.4	72.5	72.5	72.5	73.d	73.0	73.0		74.1	74.5	74.6
≥ 7000	64.0	72.3	72.9	73.6	74.	74.2	74.3	74.3	74.3	74.8	74.8	74.8	75.8	75.8	76.3	76.4
> 6000	65.3	73.8	74.4	75.1	75.7	75.7	75.8	75.8	75.8	76.3	76.3	76.3	77.4	77.4	77.8	78.Q
≥ 5000	66.9	75.9	76.5	77.3	77.8	77.8	78.0	78.0	78.d	78.4	78.4	78.4	79.6		80.1	80.2
·	69.2	79.3	79.9	80.5	81.2	81.2	81.3	81.3	81.3	81.8	81.8	81.8	82.9	82.9	83.4	
≥ 4500 ≥ 4000	71.1	81.4	82.0	82.7	83.3	83.3	83.4	83.4	83.4	83.9	83.9	83.9	85.1	85.1	85.5	85.7
<u></u>	73.7	84.5	85.1	85.8	86.4	86.4	86.5		86.5	87.0	87.0	87.0			88.6	
± ≥ 3500 ≥ 3000	74.5	85.9	86.5	87.2	87.8	87.8	87.9	86.5	87.9	88.4	88.4	88.4	89.6		90.0	
	75.0	86.6	87.2	87.9	88.5	88.5	88.6	88.6	88.6	89.1	89.1	89.1	90.3		90.8	90.9
≥ 2500 ≥ 2000	75.0	87.7	88.3	89.0	89.6	89.6	89.7	89.7	89.7	90.2	90.2	90.2	91.4	91.4	91.8	91.9
L	75.6	87.7	88.3	89.0	89.6	89.6	89.	89.7	89.7	90.2	90.2	90.2	91.4	71.7	91.8	91.9
≥ 1800 ≥ 1500	75.8	88.2	89.1	89.8	90.4	90.4		90.5	90.5	91.0			92.2		92.7	
·	76.5	89.3	90.4	91.1	91.7	91.7	90.5		91.8	92.3	91.0	91.0	93.5	92.2	94.0	92.5
≥ 1200 ≥ 1000	76.8		1	91.7		92.3		91.8		92.9		7 - 7 -	94.1	73.3	77.9	
\ -		89.9	91.0	92.7	92.3	93.2	92.4	92.4	92.4	93.6	92.9	92.9		7704	77.3	94.7
≥ 900 ≥ 800	77.3	90.9	91.9	93.5	73.4		93.4	93.4	93.4		93.4	93.8	95.0		95.5	95.6
	77.4	91.4	92.7		77.1	94.1	94.2	94.2	79.4	94.7	94.7	94.7	95.9	95.9	96.3	96.4
≥ 700 ≥ 600	77.5	92.1	93.1	94.0	94.5	94.5	94.7	94.8	74.8	770.5	95.3	75.3	70.3	70.3	75.7	97.0
≥ 600	77.1	93.4	94.4	95.3	72.4	95.9	96.0	96.1	70.1	96.6	96.4	96.6	97.7	77.7	78.4	98.3
≥ 500	11.1	93.5	94.7	95.5	76.1	96.1	96.2	96.3	30.3	76.4	76.8	76.8	78.0	48.0	75.5	98.6
≥ 400	77.7	93.7	74.7	95.7	70.3	96.3	96.4	96.6	96.6	97.2	<u>97.2</u>	77.2	78.3	78.3	75.5	98.9
≥ 300	77.7	94.0	75.3	70.1	70.7	96.7	96.9	97.0	77.0	77.7	97.7	97.7	78.9	75.7	77.4	99.5
≥ 200	77.7	94.0	95.3	96.1	76.8	96.9	97.2	97.3	77.3	98.1	98.1	78.1	77.3	77.3	77,8	99.7
≥ 100	77.7	94.0	95.3	96.1	70.4	96.9	97.2	97.3	97.3	78.1	98.1	98.1	77.3	77.3	77.8	99.9
≥ 0	77.7	94.0	95.3	96.1	96.8	96.9	97.2	97.3	97.2	98.1	98.1	98.1	77.3	77.3	77.8	100 · a

TOTAL NUMBER OF OBSERVATIONS

84

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATULUGY BRANCH USAFFTAC AIR "EATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL

70-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

210 40.1 46.3 46.9 47.0 48.6 50.1	47.0 55.2 55.8 56.0 57.9	48.0 56.3 56.9 57.1 59.0	56.9 57.4 57.7	49.3 57.7 58.3 58.5	57.7 58.3	, ,	≥ 50.4 58.7	≥ 50•4	≥1 50.4	≥ . 50.4	≥ . 50 • 4	2 51.1	25 ° 51.1	2. 52.4	≥0 53.4
46.9 47.0 48.6 50.1	55.8 55.9 56.0	56.3 56.9 57.1	56.9 57.4 57.7	57.7 58.3	57.7 58.3	58.2		50.4	50.4	50.4	50.4	51.1	51.1	52 4	52.4
46.9 47.0 48.6 50.1	55.8 56.0 57.9	56.9 57.1	57.4 57.7	58.3	58.3						J V 0 T		- 1 9 4	7607	2507
47.0 48.6 50.1	56.0	57.1	57.7			5. 7		58.7	58.7	58.7	58.7	59.5	59.5		62.2
48.6 50.1	57.9			58.5		J (: 0 f	59.3	59.3	59.3	59.3	59.3	60.0	60.0	61.6	62.8
50.1		59.0	- A		58.5	59.0	59.6	59.6	59.4	59.4	59.6	60.3	60.3	61.8	63.0
	59.7		59.7	60.5	60.5	61.0	61.6	61.6	61.6	61.6	61.6	62.3	62.3	63.8	65.0
52.7		60.4	61.5	62.3	62.3	62.8	63.4	63.4	63.4	63.4	63.4	64.1	64.1	65,6	66.8
	63.1	64.4	65.1	66.1	66.1	66.5	67.1	67.1	67.1	67.1	67.1	67.8	67.8	69.4	70.6
53.9	64.8	65.8	66.8	67.7	67.7	66.2	68.8	68.8	68.8	68.8	68.8	69.5	69.5	71.0	72.2
55.3	66.4	67.5	68.4	69.4	69.4	69.9	70.4	70.4	70.4	70.4	70.4	71.2	71.2	72.7	73.9
56.9	6R.3	69.4	70.3	71.3	71.3	71.7	72.3	72.3	72.3	72.3	72.3	73.0	73.0	74.6	75.8
58.2	70.1	71.2	72.1	73.0	73.0	73.5	74.1	74.1	74.1	74.1	74.1	74.8	74.8	76.4	77.5
59.3	71.5	72.4	73.5	74.5	74.5	74.9	75.5	75.5	75.5	75.5	75.5	76.2	76.2	77.8	79.0
60.8	73.2	74.2	75.2	76.1	76.1	76.6	77.2	77.2	77.2	77.2	77.2	77.9	77.9	79.4	80.6
61.6	74.3	75.4	76.4	77.3	77.3	77.8	78.4	78.4	78.4	78.4	78.4	79.1	79.1	80.6	81.8
63.6	76.8	77.9	78.8	79.8	79.8	80.3	80.9	80.9	80.9	80.9	80.9	81.6	81.6	83.1	84.3
64.7	78.5	79.4	80.5	81.4	81.4	81.9	82.5	82.5	82.5	82.5	82.5	83.2	83.2	84,8	85.9
65.1	79.2	80.3	81.2	82.2	82.2	82.6	83.2	83.2	83.2	83.2	83.2	83.9	83.9	85.5	86.6
66.1	81.3	82.5	83.5	84.4	84.5	85.0	85.6	85.6	85.6	85.6	85.6	86.3	86.3	87,8	89.2
66.5	81.9	83.1	84.0	85.0	85.1	85.7	86.3	86.3	86.3	86.3	86.3	87.0	87.0	88.5	90.0
66.9	87.7	83.9	84.9	85.8	85.9	86.5	87.1	87.1	87.1	87.1	87.1	87.5	87.8	89.4	90.8
67.6	84.4	85.7	86.5	87.7	87.0	88.4	89.0	89.Q	89.0	89.0	89.0	89.7	89.7	91.3	92.7
67.4	85.d	86.3	87.4	88.5	88.7	89.4	90.0	90.Q	90.0	90.0	90.0	90.7	90.7	92.2	93.6
67.6	85.2	86.4	87.7	88.9	89.0	89.7	90.3	90.3	90.3	90.3	90.3	91.0	91.0	92.6	94.0
68.d	86.1	87.5	88.5	89.8	90.q	90.8	91.4	91.4	91.4	91.4	91.4	92.1	92.1	93.6	95.0
68.Q	86.3	87.7	88.9	90.2	90.3	91.1	91.7	91.7	91.7	91.7	91.7	92.4	92.4	94.0	95.4
68.6	87.4	88.8	90.0	91.4	91.9	92.3	92.9	92.9	93.0	93.0	93.0	93.7	93.7	95,3	96.7
68.6	87.4	89.0	90.3	91.7	91.8	92.7	93.3	93.3	93.5	93.5	93.5	94.2	94.2	95.7	97.2
68.7	88.1	89.5	90.5	92.3	92.4	93.5	94.1	94.1	94.3	94.3	94.3	95.0	95.0	96.6	98.0
68.7	88.1	89.6	90.9	92.4	92.6	93.9	94.4	94.4	94.7	94.7	94.7	95.5	95.5	97.4	99.1
68.7	88.1	89.4	90.9	92.4	92.6	94.0	94.6	94.6	94.8	94.8	94.8	95.6	95.6	97.5	99.3
68.7	88.1	89.6	90.9	92.4	92.6	94.0	94.6	94.6	94.8	94.8	94.8	95.9	95.9	97.8	99.8
68.7	88.1	89.4	90.9	92.4	92.6	94.d	94.6	94.6	94.8	94.8	94.8	95.9	95.9	97.8	100.0
	55.3 56.9 58.2 59.3 60.8 61.6 63.7 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66	53.9 64.8 55.3 66.4 56.9 68.3 58.2 70.1 59.3 71.5 61.6 74.5 63.6 76.6 64.7 78.5 65.1 79.2 66.1 81.3 66.5 81.9 66.7 8.5 67.6 84.4 67.8 85.0 68.0 86.1 68.0 86.1 68.7 88.1 68.7 88.1 68.7 88.1	53.9 64.8 65.8 55.3 66.4 67.5 56.9 68.3 69.4 559.3 71.1 72.6 60.8 73.2 75.4 66.6 74.3 75.4 66.1 67.9 66.1 81.3 82.5 66.1 81.3 82.5 66.1 81.3 82.5 66.1 81.9 83.1 66.1 87.8 66.1	53.9 64.8 65.8 66.8 55.3 66.8 67.3 68.4 56.9 68.3 69.4 70.3 58.2 70.1 71.2 72.1 59.3 71.2 72.4 75.2 61.6 73.2 74.4 75.2 61.6 74.3 75.4 76.4 63.6 76.8 77.9 78.6 64.7 78.5 79.6 80.5 65.1 79.2 80.3 81.2 66.1 81.3 82.5 83.5 66.9 87.7 83.9 84.9 66.9 87.7 83.9 84.9 67.6 85.0 86.3 87.4 67.6 85.0 86.3 87.4 67.6 85.0 86.3 87.4 68.0 86.1 87.2 88.3 66.0 86.1 87.2 88.3 66.0 86.1 87.2 88.3 66.0 86.1 87.2 88.3 66.0 86.1 87.2 88.3 66.0 86.1 87.2 88.3 66.0 86.1 87.2 88.3 66.0 86.1 87.2 88.3 66.0 87.3 68.3 87.4 68.0 86.1 87.2 88.3 68.0 86.3 87.4 68.0 86.1 87.2 88.3 69.0 90.0 68.7 88.1 89.4 90.0 68.7 88.1 89.4 90.9 68.7 88.1 89.4 90.9 68.7 88.1 89.4 90.9 68.7 88.1 89.4 90.9 68.7 88.1 89.4 90.9 68.7 88.1 89.4 90.9 68.7 88.1 89.4 90.9 68.7 88.1 89.4 90.9 68.7 88.1 89.4 90.9 68.7 88.1 89.4 90.9 68.7 88.1 89.4 90.9 68.7 88.1 89.4 90.9 68.7 88.1 89.4 90.9 68.7 88.1 89.4 90.9 68.7 88.1 89.4 90.9 90.9 68.7 88.1 89.4 90.9 90.9 68.7 88.1 89.4 90.9 90.9 68.7 88.1 89.4 90.9 90.9 68.7 88.1 89.4 90.9 90.9 90.9 90.9 90.9 90.9 90.9 9	53.9 04.8 65.8 66.8 67.7 55.3 66.4 67.5 68.4 69.4 56.9 68.3 69.4 70.3 71.3 58.2 70.1 71.2 72.1 73.0 59.3 71.7 72.6 73.5 74.9 60.8 73.2 74.4 75.2 76.1 61.6 74.3 75.4 76.4 77.3 63.6 76.6 77.9 78.8 79.8 64.7 78.5 79.6 80.3 81.2 82.2 66.3 81.3 82.5 83.5 84.4 65.3 79.2 80.3 81.2 82.2 66.3 81.9 83.9 84.9 85.8 66.9 87.7 83.9 84.9 85.8 67.6 87.7 83.9 84.9 85.8 67.6 87.7 88.9 67.8 85.0 86.1 87.3 88.9 89.8 68.0 86.1 87.3 88.9 89.8 68.0 86.1 87.3 88.9 90.2 91.4 68.6 87.4 88.8 90.0 91.4 68.7 88.1 89.6 90.9 92.4 68.7 88.1 89.6 90.9 92.4 68.7 88.1 89.6 90.9 92.4 68.7 88.1 89.6 90.9 92.4 68.7 88.1 89.6 90.9 92.4 68.7 88.1 89.6 90.9 92.4 68.7 88.1 89.6 90.9 92.4	53.9 04.8 65.8 66.8 67.7 67.7 55.3 66.4 67.5 68.4 69.4 69.4 55.3 66.4 67.5 68.4 69.4 69.4 55.9 67.5 68.4 69.4 69.4 55.9 67.5 70.1 71.2 72.1 73.0 73.0 73.0 73.0 73.0 73.0 73.0 73.0	53.9 04.8 65.8 66.8 67.7 67.7 66.2 55.3 06.4 67.5 68.4 69.4 69.4 69.9 56.9 68.3 69.4 70.3 71.3 71.3 71.7 58.2 70.1 71.2 72.1 73.0 73.0 73.5 59.3 71.5 72.4 73.5 74.5 74.5 74.5 74.9 60.8 73.2 74.4 75.2 76.1 76.1 76.6 61.4 74.3 75.4 76.4 77.3 77.3 77.8 63.6 76.6 77.9 78.8 79.8 79.8 80.3 64.7 78.5 79.4 80.5 81.4 81.4 81.9 65.1 79.2 80.3 81.2 82.2 82.2 82.0 66.1 81.3 82.5 83.5 84.4 84.5 85.0 66.9 87.7 83.9 84.9 85.8 85.9 86.5 67.6 84.4 85.7 86.8 87.7 87.8 88.5 67.6 84.4 85.7 86.8 87.7 87.8 88.9 89.0 67.8 85.0 86.3 87.4 88.5 88.7 89.4 67.8 85.0 86.3 87.4 88.5 88.7 89.4 67.8 85.0 86.3 87.4 88.5 88.7 89.4 68.6 87.6 89.9 90.9 90.2 90.3 91.1 68.6 87.6 89.9 90.9 91.4 91.5 92.3 68.7 88.1 89.4 90.9 92.4 92.4 93.9 68.7 88.1 89.4 90.9 92.4 92.4 93.9	53.9 04.8 65.8 66.8 67.7 67.7 66.2 68.8 65.3 66.4 67.5 68.4 69.4 69.4 69.9 70.4 56.9 68.3 69.4 70.3 71.3 71.3 71.7 72.3 78.3 71.7 72.3 71.7 72.3 71.7 72.3 71.7 72.3 71.7 72.4 75.2 72.4 73.0 73.0 73.5 74.1 74.9 75.5 60.8 73.2 74.4 75.2 76.1 76.1 74.9 75.5 60.8 73.2 74.4 75.2 76.1 76.1 76.0 77.2 61.6 74.3 75.4 76.4 77.3 77.3 77.8 78.4 63.6 76.6 77.9 78.8 79.8 79.8 80.3 80.9 64.7 78.5 79.6 80.3 81.4 81.4 81.9 82.5 65.1 79.2 80.3 81.2 82.2 82.2 82.2 82.6 83.2 66.1 81.1 82.5 83.5 84.4 84.5 85.0 85.6 66.9 82.7 83.9 84.9 85.8 85.9 86.5 87.1 67.6 84.4 85.7 86.3 85.9 85.8 85.9 86.5 87.1 67.6 84.4 85.7 86.3 87.4 88.9 88.7 89.4 90.0 67.8 85.0 85.1 85.7 86.3 87.1 87.8 88.4 89.0 90.0 90.8 91.4 91.5 68.6 87.4 88.8 89.9 90.0 90.8 91.4 68.6 87.4 88.8 89.9 90.0 90.8 91.4 91.7 68.6 87.4 88.8 89.9 90.0 90.8 91.4 91.7 68.6 87.4 88.8 89.9 90.0 90.8 91.4 91.7 68.7 88.8 89.9 90.0 90.8 91.4 91.7 68.7 88.8 89.9 90.0 91.4 91.9 92.7 93.3 68.7 88.8 89.9 90.9 92.4 92.4 93.9 94.4 68.7 88.8 89.9 90.9 92.4 92.4 93.9 94.4 68.7 88.1 89.6 90.9 92.4 92.4 93.9 94.4 68.7 88.1 89.6 90.9 92.4 92.6 94.0 94.6 68.7 88.1 89.6 90.9 92.4 92.6 94.0 94.6 68.7 88.1 89.6 90.9 92.4 92.6 94.0 94.6 68.7 88.1 89.6 90.9 92.4 92.6 94.0 94.6 68.7 88.1 89.6 90.9 92.4 92.6 94.0 94.6 68.7 88.1 89.6 90.9 92.4 92.6 94.0 94.6 68.7 88.1 89.6 90.9 92.4 92.6 94.0 94.6 68.7 88.1 89.6 90.9 92.4 92.6 94.0 94.6	53.9 04.8 65.8 06.8 67.7 67.7 62.2 68.8 68.8 65.3 66.4 67.3 68.4 69.4 69.4 69.9 70.4 70.4 70.4 56.9 68.3 69.4 70.3 71.3 71.3 71.7 72.3 72.3 72.3 71.5 72.6 73.7 72.1 73.0 73.0 73.5 74.1 74.1 59.3 71.5 72.6 73.5 74.5 74.5 74.5 74.9 75.5 75.5 76.1 76.1 76.6 77.2 77.2 61.6 74.3 75.4 76.4 77.3 77.3 77.8 78.4 78.4 63.6 76.6 77.9 78.8 79.8 79.8 80.3 80.9 80.9 64.7 78.5 79.6 80.5 81.4 81.4 81.9 82.5 82.5 65.1 79.2 80.3 81.2 82.2 82.2 82.4 83.2 83.2 66.1 81.3 82.5 83.5 84.4 84.5 85.0 85.6 85.6 66.9 87.7 83.9 84.9 85.8 85.9 86.5 87.1 87.1 67.6 84.4 85.7 86.3 86.3 87.1 87.1 67.6 85.0 85.0 85.0 85.0 66.9 87.7 83.9 84.9 85.8 85.9 86.5 87.1 87.1 67.6 85.0 86.3 87.3 86.3 87.4 88.5 88.7 89.4 90.0 90.0 67.8 85.0 86.3 87.4 88.5 88.7 89.4 90.0 90.0 67.8 85.0 86.3 87.4 88.5 88.7 89.4 90.0 90.0 66.6 87.6 86.3 87.7 88.9 89.0 90.9 90.8 91.4 91.7 91.7 68.6 87.4 88.9 89.0 90.9 90.8 91.4 91.7 91.7 68.6 87.4 88.9 89.0 90.9 90.8 91.4 91.7 91.7 68.7 88.8 89.9 90.9 90.8 91.4 91.7 91.7 68.7 88.8 89.9 90.9 90.8 91.4 91.7 91.7 68.7 88.8 89.9 90.9 90.8 91.4 91.7 91.7 68.7 88.8 89.9 90.9 90.8 91.4 91.7 91.7 68.7 88.8 89.9 90.9 90.8 91.4 91.7 91.7 91.7 68.7 88.8 89.9 90.9 90.8 91.4 91.7 91.7 91.7 68.7 88.8 89.9 90.9 90.8 91.4 91.7 91.7 91.7 68.7 88.8 89.9 90.9 90.8 91.4 91.7 91.7 91.7 68.7 88.8 89.9 90.9 90.8 91.4 91.7 91.7 91.7 68.7 88.8 89.9 90.9 90.8 91.4 91.7 91.7 91.7 68.7 88.8 89.8 90.9 90.9 90.8 90.9 90.9 90.9	53.9 64.8 65.8 66.8 67.7 67.7 66.2 68.8 68.8 68.8 68.8 55.3 66.4 67.5 68.4 69.4 69.4 69.9 70.4 70.4 70.4 70.4 56.9 68.3 69.4 70.3 71.3 71.3 71.7 72.3 72.3 72.3 72.3 71.3 71.3 71.3 71.7 72.3 72.3 72.3 72.3 71.5 72.4 73.2 72.1 73.0 73.0 73.7 74.1 74.1 74.1 74.1 59.3 71.5 72.4 73.5 74.5 74.5 74.9 75.5 75.5 75.5 75.5 60.8 73.2 74.4 75.2 76.1 76.1 76.0 77.2 77.2 61.4 75.2 76.1 76.1 76.6 77.2 77.2 61.4 75.2 76.1 76.1 76.1 76.4 77.8 78.4 78.4 78.4 78.4 63.6 76.6 77.9 78.6 79.8 79.8 80.3 80.9 80.9 80.9 80.9 80.9 80.9 80.9 80.9	53.9 04.8 65.8 66.8 67.7 67.7 66.2 68.8 68.8 68.8 68.8 55.3 66.4 67.5 68.4 69.4 69.4 69.9 70.4 70.4 70.4 70.4 70.4 56.9 68.3 69.4 70.3 71.3 71.3 71.7 72.3 72.3 72.3 72.3 72.3 72.3 72.3 71.3 71.7 72.3 72.3 72.3 72.3 72.3 72.3 72.3 72	53.9 04.8 65.8 06.8 67.7 67.7 66.2 68.8 68.8 68.8 68.8 68.8 55.3 66.4 67.5 68.4 69.4 69.4 69.9 70.4 70.4 70.4 70.4 70.4 70.4 56.9 68.3 69.4 70.3 71.3 71.3 71.7 72.3 72.3 72.3 72.3 72.3 72.3 72.3 72	53.9 04.8 65.8 66.8 67.7 07.7 66.2 68.8 68.8 68.8 68.8 68.8 69.5 55.3 06.4 67.5 68.4 69.4 69.4 69.9 70.4 70.4 70.4 70.4 70.4 70.4 71.2 56.9 68.3 69.4 70.3 71.3 71.3 71.7 72.3 72.3 72.3 72.3 72.3 72.3 73.0 58.2 70.1 71.2 72.1 73.0 73.0 73.0 73.5 74.1 74.1 74.1 74.1 74.1 74.1 74.1 74.1	53.9 04.8 65.8 66.8 67.7 67.7 66.2 68.8 68.8 68.8 68.8 68.8 69.5 69.5 55.3 66.4 67.5 68.4 69.4 69.4 69.9 70.4 70.4 70.4 70.4 70.4 70.4 71.2 71.2 71.2 56.9 68.3 69.4 70.3 71.3 71.3 71.7 72.3 72.3 72.3 72.3 72.3 72.3 73.0 73.0 73.0 73.0 73.0 74.1 74.1 74.1 74.1 74.1 74.8 74.8 74.8 72.4 73.5 74.9 74.9 74.9 74.9 75.5 75.5 75.5 75.5 76.2 76.2 60.3 73.2 74.4 75.2 76.1 76.1 76.1 76.2 77.2 77.2 77.2 77.2 77.2 77.9 77.9 61.6 74.3 75.4 76.4 77.3 77.3 77.8 78.4 78.4 78.4 78.4 78.4 78.4 79.1 79.1 63.6 76.8 77.9 78.8 79.8 79.8 80.3 80.9 80.9 80.9 80.9 80.9 81.6 81.6 66.1 87.9 88.3 81.2 82.2 82.2 82.2 82.5 82.5 82.5 82.5 83.2 83.2 83.2 66.1 81.3 82.3 83.5 84.0 85.1 85.0 85.6 85.6 85.6 85.6 85.6 85.8 83.9 66.3 81.3 82.3 83.9 84.9 85.0 85.0 85.6 85.6 85.6 85.6 85.6 85.8 86.3 86.3 87.0 87.0 67.8 83.9 84.9 85.8 85.9 86.5 87.1 87.1 87.1 87.1 87.1 87.8 87.8 87.8	53.9 04.8 65.8 66.8 67.7 67.7 67.7 68.2 68.8 68.8 68.8 68.8 68.8 69.5 69.5 71.0 55.3 66.4 67.3 68.4 69.4 69.4 69.9 70.4 70.4 70.4 70.4 70.4 71.2 71.2 71.2 72.7 56.9 68.3 69.4 70.3 71.3 71.3 71.7 72.3 72.3 72.3 72.3 72.3 72.3 73.0 73.0 73.0 73.5 74.1 74.1 74.1 74.1 74.1 74.8 74.8 76.4 59.3 71.7 72.4 73.5 74.9 74.9 75.5 75.5 75.5 75.5 75.5 75.5 76.2 76.2 77.8 60.8 73.2 74.4 75.2 76.1 76.1 76.1 76.1 74.9 75.5 75.5 75.5 75.5 75.5 75.5 76.2 76.2 77.8 61.6 74.3 75.4 76.4 77.3 77.3 77.8 78.4 78.4 78.4 78.4 78.4 78.4 78.4

TOTAL NUMBER OF DESERVATIONS....

846

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL

70-79

FEB -

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEIUNG							¥ (5)	Bir 14 314	TOTE MILE							
: FEET !	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.	2:	≥.	21 -	≥1	≥ 4	≥ +	2	≥5 '0	2 -	≥ô
NO CEILING ≥ 20000	48.5		51.	51.7	51.7	51.7	51.7	51.7		51.7	51.7	51.7	51.7	:	51.9	• • •
	57.4	1	61.4		61.3	61.3	61.3	61.3		61.3	61.3	61.3	61.3		61.9	61.6
≥ 18000 ≥ 1500¥ ;	57.9	61.5			61.9	61.9	61.9	61.9	62.6	61.9	61.9	61.9	61.9	61.9	62.2	62.9
	59.6			64.3		64.3								64.3		
≥ 14000 ≥ 12000	1	63.5	64.2	• -	67.0		64.3	64.3	64.3		64.3	64.3			64.5	64.7
	62.1	66.2	66.9			67.0			67.0		67.g	67.0	67.0	67.0	67.3	67.3
≥ 10000 ≥ 9000	64.4	69.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3		70.3	70.3	70.3	70.3	70.4	70.9
	65.6	71.6		72.6	72.6	72.6		72.6	72.6		72.6	72.6	72.6	72.6	72.8	72.8
≥ 8000	67.3	73.6		74.4	74.6	74.6		74.0	74.6	74.7	74.7	74.7	74.7	74.7	74.9	74.9
≥ 7000 ;	68.7	75.1	75.9		76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.5	76.5
≥ 6000	70.9	77.9	79.0		79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.6	79 - 6
≥ 5000	71.4	78.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	80.0	80 • Q
≥ 4500	73.9	81.1	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.9	82.9
≥ 4000	75.4	82.9	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.4	84.6	84.6	84.6	84.9	84.9
2 350C	75.9	84.0	85.3	85.7	85.7	85.7	85.6	85.8	85.8	85.9	85.9	85.9	85.9	85.9	86.2	86.2
≥ 3000	76.5	85.3	86.6	87.q	87.1	87.1	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.6	87.6
≥ 2500	77.5	87.0	88.3	88.7	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.4	89.4
≥ 2000	78.4	88.3	89.6	90.0	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.8	90.8
≟ 1800	79.0	89.1	90.4	90.8	91.1	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.7	91.7
≥ 150C	79.7	90.1	91.4	91.7	92.1	92.1	92.3	92.6	92.6		92.7	92.7	92.7	92.7	92.9	92.9
≥ 1200	80.3	91.0	92.4	93.0	93.4	93.4	93.6	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.2	94.2
≥ 1000	80.9	92.0	93.5	94.2	94.6	94.6	94.8	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.4	95.4
≥ 900	81.0	92.2	93.7	94.4	94.8	94.8	95.0	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.7	95.7
≥ 800	81.0	92.0	1	94.9	95.3	95.3	95.5	95.7	95.7	95.9	95.9	95.9	95.9	95.9	96.2	96.2
≥ 700	81.0	92.9	94.	95.5	95.9	95.4	96.1	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.8	96.8
≥ 600	81.1	93.3	95.4	96.2	96.6	96.6	96.	97.0	97.d	97.2	97.2	97.2	97.3	97.3	97.6	97.6
	81.1	93.6	95.6		96.9	96.9			97.4	97.5			97.6	97.6		
½ 500 2 400		1		96.7	97.2	97.2	97.2	97.4		97.8	97.5	97.5			98. q	98.0
	81.1	93.6					97.4	97.4	97.4		97.4	97.5	97.9		70.4	98.2
≥ 300 ≥ 200	81.1	93.6		96.7	97.4	97.5	97.9	98.3	98.3	98.5	98.5	98.5	98.6	98.6	77.2	99.3
i	81.1	93.6		96.7	97.4	97.5	97.9	98.3	98.3	98.6	98.0	98.6	98.8	98.8	77.0	99.9
. ≥ 100	81.1	93.6		96.7	97.4	97.5	97.9	98.3	98.3	98.6	98.6	98.6	98.8	98.8		100-0
2 0	81.1	93.0	95.9	96.7	97.4	97.5	97.9	98.3	98.1	98.4	98.6	98.6	78.4	98.8	77.8	100.0

PACHTAVERED OF GERMAN INTO

USAF ETAC 100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR FEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

KSC SHUTTLE APT FL

79-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS:

1200-1400

1 EUNG							-154	Bil Tr STA	1, 18 W.LE	5						
F (E 1	≥ 10	≥ 6	≥ 5	≥ 4	ذ≤	±2.	≥ /	2	2		2 4	2	≥ .	≥ 5 16	2.	≥0 '
NC CEIUNG	49.3	50.2	50.2	50.2	50.2			50.2		50.2	,				50.2	
≥ 20000	64.1	66.2	66.3	66.3	66.3	66.3	66.3								66.3	
≥ 18000	64.5	66.7	66.8	66.8	66.8	66.8									66.8	
≥ :5000	65.0	67.3	67.4		67.4	67.4	67.4	67.4	67.4	67.4	67.4			67.4		67.4
≥ 14000	66.8	69.0	69.4	69.4	69.4	69.4		69.4		69.4		69.4	69.4	69.4	69.4	69.4
2 12000	68.4	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 10000	70.3	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
. ≥ 9000	72.3	75.8	76.1	76.1	76.1	76.1	70.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 8000	74.0	77.7	78.0	78.0	78.U	78.0	70.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 7000	75.7	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
2 6000	77.3	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 5000	77.7	82.7	83.2	83.2	83.2	83.2	83.2	83.2		83.2	83.2	83.2	83.2	83.2	83.2	83.2
2 450C	80.1	85.3	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4000	81.6	86.9	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3500	83.2	88.8	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
2 3000	84.8	90.8	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	85.9	92.7	93.1	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7		93.7	93.7
≥ 2000	86.9	93.9	94.4	94.8	95.0	95.0	95.0	95.0	95 · a		- 1	95.0	95.0	95.0	95.0	95.0
> 1800	87.7	95.3	95.9	96.2	96.5	96.5	96.5	96.5	96.5			96.5	96.5	96.5		
≥ 1500	88.7	96.3	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5		
2 1200	88.9	95.8	97.4	97.8	98.0	98.0	98.0	98.0	98.Q		98.0	98.0	98.0	98.0		
≥ 1000	88.9	96.8	97.4	97.8	98.0	98.0	98.0		98.d		98.0			98.0		
≥ 900	89.1	97.2	97.9	98.2	98.5	98.5		98.5	98.5		98.5		98.5	98.5		
≥ 800	89.2	97.4	98.1	98.	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7		
≥ 700	89.6	97.9	98.6	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3		99.3
≥ 600	89.7	98.1	98.9	99.3	99.5	99.6		99.6	99.4	,	99.6		99.6	99.6		99.6
≥ 500	89.7	98.1	98.9	99.3	99.5	99.6		99.6	99.6	99.6		99.6	99.6	99.6		
≥ 400	89.7	98.1	98.9	99.3	99.5	99.6				99.6			99.6			
≥ 300	89.7	98.1	98.9	99.4	99.6	99.8									99.8	
2 200	89.7	98.1	98.9	99.4	99.6	99.8									100.0	
> 100	89.7	98.1	98.9	99.4	99.4										100.0	
≥ 100 ≥ 0	89.7	98.1	98.9	99.4	99.0										100.0	
	0701	7004	/007	//•3	77.0	77.9	7709	.00.01	- vv • q	. 30 . 0		.00.4		- 70 - Q		·VV

TOTAL NUMBER OF OBSERVATIONS

844

USAF ETAC 100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR JEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12863

KSC SHUTTLE APT FL

70-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

reiung.							ViSI	BLUTY STA	TUTE MILE	F.S.						
FEET .	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 :	2.2	≥.	≥'.	2	≥ .	≥ .	≥ .	≥5 '6	≥ .	≥.>
NO CEILING	48.3	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 20000	65.6	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ '8000	65.7	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
2 15000	66.7	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.4	69.6	69.6	69.4	69.6	69.6	69.4
≥ '4000	68.2	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 12000	70.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
3 10KX00	74.9	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ >300	76.6	80.6	81.1	81.2	81.4	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
8000	79.2	84.0	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	
≥ 7000	79.8	84.4	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
S PUND	81.2	86.2	86.6	86.8	86.8	86.8	80.8	46.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 500 0	82.2	87.5	87.9		88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
2 450C	84.2	90.4	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
± 4000	84.9	91.4	91.4	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3500	86.4	93.1	93.6	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
2 3006	87.4	94.3	94.8	94.9	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
> 2500	87.5	94.9	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	88.7	96.1	96.0	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	89.5	97.0			97.8	97.8	98.0	98.0	98.0	98.Q	98.0	98.0	98.Q	98.0	98.0	98.0
2 1500	89.4	97.6	98.1	98.2	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.4	98.6
≥ 1200	89.8	97.8	98.2	98.3	98.9	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	89.5	97.9	98.3	98.5	98.0	98.6	98.8	98.8	98.8	98.8	98.8	58.8	98.8	98.8	98.8	98.8
3 900	90.0	98.0	98.0	98.7	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	90.0	98.1	98.8	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
2 700	90.0	98.1	98.4	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 600	90.0	98.1	98.8	98.9	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.3	99.5
≥ 500	90.0	98.1	98.8	98.9	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 406	90.0	98.1	98.8	98.9	99.2	99.2	99.5	99.8	99.8	99.9	99.9	99.9	100.d	100.0	100.0	100.d
≥ 300	90.0	98.1	98.8	98.9	99.2	99.2	99.3	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
2 200	90.0	98.1	98.8	98.9	99.2	99.2	99.5	99.8	99.	99.9	99.9	99.9	100.d	100.d		. • •
≥ 100	90.0	98.1	98.6	98.9	99.2	99.2	99.5	99.8	99.1	99.9	99.9		100.0			
5 0	90.0	1	98.8	98.9	99.2	99.2	99.5	99.8	99.8		99.9		100.d			T

TOTAL NUMBER OF OBSERVATIONS,

84

USAF ETAC 10.44 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLUTY BRANCH USAFETAL AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHITTLE APT FL

70-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CERING							V15:1	BHUTY STA	VIUTE MILE	ES						
+66:	≥10	≥ 6	≥ 5	24	≥ 3	≥2	≥ 2	≥1	≥:.	≥. '	24	≥ .	≥ .	≥5 16 :	2.	≥0
NO CEILING ≥ 20000	50.8	52.1	52.1	52.1 67.5	52.1	52.1 67.5	52.1 67.5	52.1	52.1	52.1 67.5	52.1 67.5	52.1 67.5	52.1		52.1	52.l
≥ 18000 ≥ 16000	65.6	67.9	67.6		67.6	67.6	67.6	68.3	68.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 14000 ≥ 12000	67.0	69.0	69.1	69.1	69.1	69.1	69.1 70.8	69.1	69.1	69.1	69.1	69.1	69.1		69.1	69.1
≥ 10000 ≥ 9000	71.9	74.5	74.0		74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 8000 ≥ 2000	75.3 75.8	79.0	79.1	79.2	79.2	79.2 79.8	79.2 79.8	79.2 79.8	79.2 79.8	79.2	78.3 79.2 79.8	79.2	79.2	78.3	78.3	79.2
≥ 6000 ± 5000	76.8 78.3	80.9 83.0	81.0 83.1	81.1 83.2	81.3	81.3 83.5	81.3	81.3	81.3	81.3	81.3	81.3	79.8 81.3	81.3		79.8 81.3
≥ 4500 ≥ 4000	80.5 81.6	86.1 87.6	86.2	86.3	86.6	86.6	86.9	83.5	83.5	86.9	83.5	86.9	86.9	83.5	83,5	86.9
≥ 3500 ≥ 3000	84.8 86.1	90.8	90.9	91.3	91.0	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.6
≥ 2500 ≥ 2006	86.5	93.0	93.1	92.8	94.1	94.1	94.3	94.3	94.3	93.5	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800 ≥ 1500	88.3	94.7	94.9	95.3	95.6	95.6	95.9	95.9	96.2	95.9	95.9 96.2	95.9	95.9	95.9 96.2	95.9	95.9
≥ 1200 ≥ 1000	88.7	95.6	95.0	96.3	97.0	96.1 97.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96,3	96.3
≥ 900 ≥ 800	88.7	95.6	96.0	96.7	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8
≥ 700 ≥ 600	88.8	96.5	96.9	97.3	98.0	98.1	98.3	98.3	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 500 ≥ 400	88.8	96.8	97.2	98.0	98.8	98.8	98.6	99.1	98.6	98.6	98.6	98.6	98.6	98.6	99.2	98.7
≥ 300	88.8	96.9	97.4	98.1	98.9	98.9	99.4	99.4	99.4	99.6	99.8	99.8	99.2	99.2	99.9	99.9
≥ 100 ≥ 0	88.9	96.9	97.4 97.4	98.2 98.2 98.2	99.1	99.1	99.4	99.4	99.4	99.8	99.9 99.9	99.9	99.9	99.9	00.0	00.0

TOTAL NUMBER OF OBSERVATIONS.

846

USAF ETAC 101.64 0+14-5 (OL A) PPEVIOUS EDITIONS OF THIS FORM ARE OBSOLUTE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

1286R KSC SHUTTLE APT FL

70-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CERUNG							v (\$)	BILITY STA	TL'E MILE	: \$						
PEFT	≥10	۵≤	≥ 5	≥ 4	≥ 3	≥2:	≥ ?	≥1	≥1.	≥.	2 .	≥ .	2	≥5 18	2 .	≥ 3
NO CEILING ± 70000	58.3 66.1	59.7 68.2	59.6	1	68.8	60.3		60.4	60.4		60.4	60.4		60.6	1	•••
≥ 18005 ≥ 16000	66.	68.6		68.8	68.8	68.8	69.1	68.9	68.9	68.9	68.9	68.9	69.1		69.1	69.1
≥ 14000 ≥ 12000	66.7	68.8		69.0	69.4	70.2	69.4 70.2	69.5	70.3	69.5	69.5	69.5	70.6	69.7	69.7	69.7
≥ 10000 ≥ 9000	71.0			74.2	74.6	74.6			74.7	74.7	74.7	74.7	74.9	74.9	74.9	74.9
≥ 8000 ≥ 7000	76.1	80.	80.4		81.1	81.1	81.1	81.7	81.2	81.2	81.2	81.7	81.4	81.4	81.4	81.
≥ 6000 ≥ 5000	77.2	81.9	82.0	82.2	82.6	82.6		82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1 85.0	83.
≥ 4500 ≥ 4000	80.5		89.4	86.5	87.0	87.0		87.4	87.4	87.4	87.4	87.4	90.4	87.6	87.6	87.
≥ 3500 ≥ 3000	84.3 85.5		91.1	91.3	91.7	91.7	92.0	92.1	92.1	92.1	92.1	92.1		92.3	92.3	92.
≥ 2500 ≥ 2000	86.1	93.0		93.4	93.9	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.6		94.6	94.
≥ 1800 ≥ 150°	86.4	94.0	94.6		95.3	95.3	95.6	95.7	95.7	95.7	95.7	95.7	96.8	96.0 96.8	96.0	96.
± 1200 ≥ 1000	87.4 87.4	95.2	95.7	95.9	96.8	96.8	97.2	97.3	97.3	97.4	97.4	97.4	97.6	97.6 97.6	97.6	97.
≥ 900 ≥ 800	87.6 87.6	95.5	96.1	96.3	97.3	97.3	97.6	97.8	97.4	97.9	97.9	97.9	98.2	98.1	98.1	98.
≥ 700 ≥ 600	87.6	95.7	96.8	96.1	97.6	97.0	98.0	98.1	98.1	98.7	98.2	98.2	98.9	98.9	98.5	98.
- 500 - 400	87.6	96.	96.9	97.3	98.2	98.2 98.5	98.6	98.7	98.7	98.4	98.8	98.8	99.1	99.1 99.3	99,1	99.
≥ 300 ≥ 200	87.6 87.6		97.4	97.9 97.9	98.9	98.9 98.9	99.5	99.6	99.6	99.8	99.8	99.8		100.0 100.0	100.Q	100.
≥ 100 ≥ 0	87.6		1	97.9	98.9	98.9	99.5	99.6	99.6	99.8	99.8			100.0		

TOTAL NUMBER OF OBSERVATIONS...

84

USAF ETAC - 0-14-5 (OL,A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHITTLE APT FL 70-79 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VIŞI	BILTY STA	TUTE MILE	5				-		
FEET	≥10 '	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ ?	≥1.	≥' .	≥!	≥ .	≥ .	≥ .	≥5 '6	≥.	≥0
NO CEILING	49.8	53.0	53.3	53.5	53.7	53.7	53.8	53.9	53.9	53.9	53.9	53.9	54.2	54.2	54.5	54.7
≥ 20000	60.1	64.2	64.6	64.8	65.d	65.0	65.1	65.2	65.2	65.3	65.3	65.3	65.5	65.5	65.9	66.1
≥ 18006	60.3	64.5	64.8	65.0	65.3	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.8	65.8	66.1	66.3
≥ 16000	60.8	65.0	65.4	65.6	65.9	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.4	66.4	66.7	66.9
≥ 14000	61.9	66.2	66.6	66.8	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.6	67.6	67.9	68.1
≥ 12000	63.3	67.6	68.2	68.4	68.7	68.7	68.8	68.9	68.9	68.9	68.9	68.9	69.2	69.2		69.7
≥ 10000	66.4	71.5	71.9	72.2	72.5	72.5	72.4	72.7	72.7	72.7	72.7	72.7	73.0	73.0	73.3	73.6
≥ 9000	68.5	74.4	74.9	75.2	75.5	75.5	75.5	75.6	75.6	75.7	75.7	75.7	76.0	76.d	76.3	76.5
≥ 8000	70.2	76.4	76.9	77.2	77.4	77.4	77.5	77.6	77.6	77.7	77.7	77.7	78.0	78.0	78.3	78.6
≥ 7000	71.4	77.7	78.2	78.5	78.8	78.8	78.9	79.0	79.0	79.0	79.d	79.a	79.3	79.3	79.7	79.9
≥ 6000	72.7	79.4	79.9	80.3	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.8	81.1	81.1	81.5	81.7
≥ 5000	73.7	80.8	81.3	81.6	82.0	82.0	82.1	82.2	82.2	82.3	82.3	82.3	82.6	82.6	82.9	83.1
≥ 4500	75.7	83.4	83.9	84.3	84.6	84.6	84.8	84.9	84.9	84.9	84.9	84.9	85.2	85.2	85.6	85.8
≥ 4000	77.2	85.1	85.8	86.1	86.4	86.4	86.6	86.7	86.7	86.8	86.8	86.8	87.1	87.1	87.4	87.6
≥ 3500	79.0	87.3	87.9	88.3	88.7	88.7	AB.	88.9	88.9	89.d	89.0	89.0	89.3	89.3	89.7	89.9
≥ 3000	80.1	88.8	89.4	89.8	90.2	90.2	90.4	90.5	90.5	90.6	90.6	90.6	90.9	90.9	91.2	91.4
≥ 2500	80.7	89.8	90.4	90.8	91.2	91.2	91.4	91.5	91.5	91.6	91.6	91.6	91.9	91.9	92.2	92.4
≥ 2000	81.5	90.9	91.6	92.0	92.5	92.5	92.7	92.8	92.8	92.9	92.9	92.9	93.2	93.2	93.5	93.8
≥ 1800	81.9	91.5	92.2	92.6	93.1	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.9	93.9	94.2	94.4
≥ 1500	82.3	92.2	93.0	93.4	93.9	93.9	94.1	94.3	94.3	94.4	94.4	94.4	94.7	94.7	95.0	95.2
≥ 1200	82.4	92.9	93.8	94.3	94.8	94.8	95.d	95.2	95.2	95.3	95.3	95.3	95.6	95.6	95.9	96.2
≥ 1000	82.9	93.3	94.2	94.6	95.2	95.2	95.5	95.6	95.4	95.7	95.7	95.7	96.0	96.0	96.3	96.6
≥ 900	83.1	93.7	94.6	95.1	95.7	95.7	95.9	96.1	96.1	96.2	96.2	96.2	96.5	96.5	96.8	97.1
≥ 800	83.2	94.1	95.d	95.5	96.1	96.1	96.4	96.5	96.5	96.6	96.6	96.6	97.0	97.0	97.3	97.6
≥ 700	83.2	94.3	95.3	95.8	96.4	96.9	96.7	96.9	96.9	97.0	97.0	97.0	97.3	97.3	97.6	97.9
≥ 600	83.4	94.9	95.9	96.5	97.1	97.1	97.4	97.5	97.5	97.6	97.6	97.6	98.0	98.0	98.3	98.6
≥ 500	83.4	95.0	96.d	96.6	97.3	97.3	97.6	97.7	97.7	97.9	97.9	97.9	98.2	98.2	98.6	98.8
≥ 400	83.4	95.1	96.2	96.6	97.5	97.5	97.8	98.0	98.0	78.2	98.2	98.2	98.5	98.5	78.6	99.1
≥ 300	83.4	95.2	96.3	97.0	97.7	97.7	98.1	98.3	98.1	78.6	98.0	98.6	78.9	98.9	77,4	99.7
≥ 200	83.4	95.2	96.3	97.d	97.7	97.8	98.2	98.4	98.4	98.7	98.7	98.7	99.1	99.1	99.6	99.9
≥ 100	83.4	95.2	96.3	97.0	97.7	97.8	94.2	98.4	78.4	98.7	94.7	98.7	99.1	99.1	99.6	100.0
≥ 0	83.4	95.2	96.3	97.d	97.7	97.8	98.2	98.4	98.4	78.7	98.7	98.7	99.1	99.1		100-0

TOTAL NUMBER OF OBSERVATIONS 6766

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR REATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL

70-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

0000-0200

CEILING							vi5!	Bist'+ STA	TUTE MILE	5						
FEET T	≥10 !	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ 7	≥)	21 :	≥,	≥ .	≥ .	2	≥ 5 16	2.	≥c
NO (EILING) ≥ 20000	62.2	76.6	66.2	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 18000 ≥ 15000	73.0 73.1	77.0	77.4	77.7	77.8	77.8 78.0	77.8	77.8	77.8 78.0	78.0 78.1	78.0 78.1	78.0	78.0	78.0 78.1	78.d 78.1	78 • Q
≥ 14000 ± 12000	74.1	78.2	78.6 79.9	78.9 80.2	79.0	79.0 80.3	79.0	79.0 80.3	79.0	79.1 80.4	79.1 80.4	79.1 80.4	79.1 80.4	79.1 80.4	79.1 80.4	79.1 80.4
≥ 10000 ≥ 2000	76.6 77.3	82.4	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.3 84.3	83.3	83.3	84.3	84.3	83.3	83.3
≥ 8000 ≥ 7000	78.3 78.8	84.4	85.1	85.4	85.5	85.5	85.5 86.0		85.5	85.6	85.6	85.6 86.1	85.6	85.6	86.1	85.6 86.1
2 6000 2 5000	79.9 81.1	87.5	86.8	88.5	87.2	87.2	87.2		88.6	88.7	87.3	87.3	87.3	87.3 88.7	88.7	87.3
≥ 4500 ± 4000	82.3 83.0	90.9 92.3	90.2	90.5 92.0 93.7	90.8	90.8 92.3 93.9	90.8	90.8 92.3	90.8 92.3	90.9	90.9 92.4 94.0	90.9 92.4 94.0	90.9	90.9 92.4 94.0	90.9 92.4 94.0	90.9
≥ 3500 ≥ 3000 ≥ 2500	85.4	93.	94.5	94.9	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	87.5 87.5	96.5	97.4	97.8	98.1	98.1	98.3	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 150C ≥ 120C	87.5 87.6	97.2	98.3	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000: ≥ 900	87.6	97.7	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.4	99.4	99.4	99.6	99.4	99.6	99.0
≥ 806	87.7	97.8	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.9 100.0	99.9	99.9 100.0	99.9 100.0	99.9	99,9 100.0	99.9
≥ 600	87.7	97.8	99.2	99.7	99.9	99.9	99.9	99.9	99.9	100. q 100. q	100.q 100.q	100.0	100.0 100.0	100.0	100.d	100-0
≥ 400 ≥ 300 > 300	87.7	97.8	99.2	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0		100.0
≥ 100 ≥ 100 2 0	87.7 87.7 87.7	97.8 97.8 97.8	99.2	99.7	99.9	99.9	99.9	99.4	77.9		100.0	100.0	100.0	100.0	100,0 100.0	100-0

TOTAL NUMBER OF OBSERVATIONS.

930

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR REATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

1286R KSC SHUTTLE APT FL

70-74

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VISI	BILITY STA	STUTE MILE	\$						
i FEE1	≥10	≥6	≥ 5	≥ 4	≥ 3	22:	≥ 2	<u>≥</u> ì.	≥1.	≥ .	2.4	≥ ' ,	2	≥5 16	≥ . i	≥0
NO CEIUNG	55.8	63.3	63.8	64.1	65.0	65.0 74.8	65.7	65.7 75.5	65.7	66.6	66.6	66.6	67.0	67.0	67.1	67.1
≥ 18000 ≥ 16000	64.4	73.2	73.9	74.4	75.2	75.2 75.6	76.4	76.0 76.4	76.0 76.4	76.8	76.8	76.8	77.3	77.3	77.4	77.4
i ≥ 14000 ≥ 12000	65.4	74.2	75.0 76.8	75.4	76.3 78.1	76.3 78.1	77.0	77.0 78.9	77.0 78.9	77.9	77.9	77.9	78.3	78.3	78.4 80.3	78.4
≥ 10000 ≥ 9000	68.4	78.1 79.1	78.9	79.3	80.2	80.2	80.9	80.9	80.9	81.8	81.8	81.8	82.2	82.2	82.3	82.3 83.3
≥ 8000 ≥ 7000	69.5	79.7	80.0	81.0	81.9	81.9	82.7	82.7 83.1	82.7	83.9	83.5	83.5	83.9	83.9	84.1	84.1
≥ 6000 = 5000	70.3	80.6	81.5	81.9	82.8	82.8	83.5 85.0	83.5	83.5	84.4	84.4	84.4	84.8	84.8	84.9	84.9
≥ 4500 ≥ 4000	72.1 72.8	83.3	84.2	84.6	85.5 87.0	85.5	86.2	86.2	86.2	87.1 88.6	87.1 88.6	87.1	87.5	87.5	87.6	87.6
≥ 3500 ≥ 3000	74.2 75.3	86.5	87.4 88.8	87.8 89.2	88.7 90.1	88.7 90.1	89.4 90.8	89.4	89.4 90.8	90.3	90.3	90.3	90.7	90.7 92.1	90.8	90.8
≥ 2500 ≥ 2000	76.0 77.2	88.7 90.7	89.5 91.7	90.0 92.1	90.8	90.8	91.6 93.8	91.6 93.8	91.6 93.8	92.5 94.6	92.5 94.6	92.5 94.6	92.9	92.9	93.0 95.2	93.0 95.2
≥ 1800 ≥ 1500	77.6 77.9	91.2 91.8		92.6	93.4	93.4	94.2	94.2 94.9	94.2	95.0 95.8	95.0 95.8	95.0 95.8	95.5	95.5 96.2	95.6	95.6
≥ 1200 ≥ 1000	78.1 78.7	92.9	93.5	94.0 94.5	94.8	94.8	95.6 96.1	95.6 96.1	95.6	96.4	96.4 97.0	96.4	96.9	96.9 97.4	97.0 97.5	97.5
≥ 900 ≥ 800	79.0 79.0	93.2	94.6 95.2	95.6	96.0 96.6	96.6	96.4	96.8 97.3	96.8	97.6	97.6 98.2	98.2	98.1	98.1 98.6	98.2 98.7	98 • 2 98 • 7
≥ 700 ≥ 600	79.1	93.9	95.3 95.3	95.7	96.8	96.7	97.4	97.4	97.4	98.3	98.3	98.3	98.8	98.7	78.8 98.9	98.9
≥ 500 ≥ 400	79.2 79.3	94.5	95.4	95.8	97.0	97.d 97.6	97.7	97.7	98.5	99.4	98.6	99.4	99.0	99.8	99.9	99.9
≥ 300 ≥ 200	79.3	94.5	95.9	96.3	97.1	97.0	98.9	98.5	98.6	99.5	99.4	99.4	99.9	99.9	100.0	100-0
≥ 100 ≥ 0	79.1	94.5	95.9	96.3	97.7	97.7	98.6	98.6	78.6	99.5	99.5	97.5	79.9	• • •	100.0	100-0

OTAL NUMBER OF OBSERVATIONS

928

USAF ETAC 100 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLUGY BRANCH USAFFTAC AIR JEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

2

KSC SHUTTLE APT FL

70-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CERING :							VISI	BILITY STA	STUTE MILE	\$						
	≥10	≥6	≥ 5	≥ 4	23	≥2:	≥ 2	≥1.	≥1.	≥)	2.	≥	≥	≥ 5 16	≥.	≥0
NO CETING	42.2	49.6	50.6	52.3	53.2	53.2	54.0	54.3	54.3	55.3 69.7	55.3 69.7	55.3	55.8 70.4	55.8 70.4	56.5 71.0	
≥ 18000 ≥ 16000	52.5	64.0	65.8	66.9	67.9	67.9	68.8	69.1	69.1	70.0	70.0	70.0	70.7 71.4	70.7 71.4	71.3 72.1	71.6 72.3
≥ 14000 ≥ 12000	54.6 55.9	66.3 67.9	67.3	69.2 70.8	70.3	70.3 71.9	71.1	71.4	71.4	72.4	72.4	72.4		73.1	73.7	73.9
≥ 10000 ≥ 9000	57.5 58.8	71.8	71.0	72.8	73.9 75.8	73.9 75.8	76.6	75.1 76.9	75.1 76.9	76.1	76.1	76.1	76.6	78.6	79.2	77.6
≥ 8000 ≥ 7000	59.8	73.7	74.8	76.0	77.0 77.7 79.3	77.0 77.7	77.9	78.2	78.2	79.2 79.8	79.2 79.8	79.2 79.8	79.8 80.5	79.8 80.5 82.1	80.5 81.1	80 • 7 81 • 4 83 • 0
≥ 6000 ≥ 5000	62.1	75.2	76.4	78.2 78.9 79.3	80.0	79.3 80.0			80.5 81.1	82.1	82.7	82.1	82.8		83.4	83.6
≥ 4500 ≥ 4000	63.6	76.3 78.4 80.3	77.5 79.6 81.7	81.5	82.5	80.4 82.5 84.6	81.3 83.4 85.5	81.7	83.6	84.8	84.8	84.5	85.5	85.5	86.2	86.4
≥ 3500 ≥ 3000	66.4	82.8	83.5	85.3	86.5	86.5	87.4 88.0	87.8	87.8	88.8	88.8	89.4	90.1	90.1	90.2	90.4
≥ 2000	66.8	83.9	85.7	87.3	88.5	88.5	89.4	89.9	90.2	90.9	90.9	90.9	91.6			92.9
≥ 1500	67.1	84.7	86.7	88.0	89.3	90.0	90.3	90.7	90.7	91.8	91.8		92.5	92.5	93.2	
≥ 1000	67.7	85.7	87.2	89.2	90.5	90.5	91.0	92.0	92.6	93.1	93.1	93.1	93.8	93.8	94.5	
≥ 800 ≥ 700	67.8	86.3	87.9	90.1	91.7	91.7	92.4	93.2	94.3	94.3	94.3	94.3	94.9	96.0	95,7	97.0
≥ 600	68.1	87.4	89.0	91.6	93.1	93.1	94.4	94.6	94.6	95.7	95.9	95.7	96.7	96.7	97,4	97.4
≥ 400 ≥ 300 ≥ 200	68.1	87.7	89.7	92.1 92.1	93.9 93.9	94.0	95.0 95.2 95.3	95.6 95.7 95.8	95.6 95.7 95.8	96.9 96.9 97.0	96.9	96.9	97.4	97.0	70,4	98.4
≥ 100 ≥ 0	68.1	87.7 87.7	89.	92.1	93.9	94.0	95.3	95.	75. 75.	97.0	97.0	97.0	78.0	98.0	98.9	99.4 100.0

TOTAL NUMBER OF OBSERVATIONS,

928

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE CONCLETE

GLOBAL CLIMATULOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

2

KSC SHUTTLE APT FL

70+79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							v151	BILLTY STA	TUTE MILE	5						
+661	≥10	≥6	≥ 5	≥ 4	23	22.	≥2	≥1	≥1.	≥`	≥ .	≥ . •	2 .	≥ 5 16	≥ .	≥0
NO CEILING	54.8	57.8	58.0	58.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 20000	69.0	73.4	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.Q	74.d	74.0	74.0	74.0	74.0	74.0
≥ 18000	69.7	74.7	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 16000	70.3	74.9	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000	71.4	76.0	76.2	76.5	76.4	76.6	70.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ :2000	72.4	77.2	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 10000	73.4	78.4	78.0	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 9000	74.4	79.6	79.8	80.d	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80-1
≥ 8000	76.2	81.7	81.9	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 7000	77.2	82.7	82.9	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 6000	78.5	84.0	84.2	84.4	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 5000	79.6	85.5	85.8	86.0	86.1	86.1	86.3	86.3	86.3	86.3	86.3	E . 68	86.3	86.3	86.3	86.3
≥ 4500	80.9	87.2	87.5	87.7	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4000	83.1	89.9	90.2	90.4	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3500	84.2	91.2	91.5	91.7	91.8	91.8	92.0	92.0	92.d	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	84.8	92.5	92.8	93.0	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	85.2	92.8	93.1	93.3	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	86.d	94.1	94.4	94.7	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 1800	86.1	94.3	94.7	95.1	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 1500	86.3	94.6	95.2	95.6	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96 - 1	96.2	96.2	96.2	96.2
≥ 1200	86.7	95.3	95.9	96.5	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 1000	87.d	95.9	96.7	97.2	97.5	97.5	98.0	98.0	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.2
≥ 900	87.0	96.0	97.d	97.6	98.0	98.0	98.4	98.4	78.4	98.4	98.5	98.5	98.4	98.4	98.6	98.6
≥ 800	87.0	96.0	97.1	97.7	98.1	98.1	98.5	98.5	98.3	98.5	98.4	98.6	98.7	98.7	98.7	98.7
≥ 700	87.1	96.1	97.3	98.0	98.3	98.3	98.7	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9
≥ 600	87.1	96.3	97.6	98.4	98.7	98.7	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	87.1	96.3	97.4	98.4	98.7	98.7	99.2	99.2	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5
≥ 400	87.1	96.5	97.7	98.5	98.4	98.8	99.4	99.4	99.4	99.4	99.5	99.5	79.4	99.4	99.4	99.4
≥ 300	87.1	96.5	97.7	98.5	78.4	98.8	99.4	99.4	99.4	99.9	99.4	99.4	99.4	99.8	99.8	99.8
≥ 200	87.1	96.5	97.7	98.5	78.8	98.8	99.4	99.4	99.4	99.5	99.4	99.6	99.8	99.8	99.8	99.8
≥ 100	87.1	96.3	97.7	98.9	78.8	78.8	99.4	99.4	99.4	79.5	99.4	99.4	99.1	99.6	99.4	99.9
≥ 0	87.1	96.5	97.1	98.3	98.4	98.8	99.4	99.4	99.4	99.5	99.6	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF ORSERVATIONS ...

930

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

2

KSC SHUTTLE APT FL

70**-7**9

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEIUNG							\ :\$	BILITY STA	TUTE MILE	5						
FEET	≥10	≥6	≥ 5	≥ 4	23	≥2 :	≥ 2	≥	≥1 .	≥1	≥ '4	≥ .	2	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	58.2 76.3	59.0 77.5	59.0 77.7	59.0 77.7	59.0 77.7	59.0 77.7	59.0 77.7	59.0 77.7	59.0	59.0 77.7	59.0 77.7	59.0 77.7	59.0 77.7	59.0 77.7	59.0 77.7	59.0 77.7
≥ 18000 ≥ 18000	76.8	78.1 78.5	78.3	78.3	78.3	78.3 78.7	78.3 78.7	78.3 78.7	78.3	78.3 78.7	78.3 78.7	78.3 78.7	78.3	78.3 78.7	78.3 78.7	78.3 78.7
≥ 14000 ≥ 12000	77.7	79.0	79.2 81.1	79.2 81.1	79.2 81.1	79.2	79.2 81.1	79.2	79.2	79.2 81.1	79.2 81.1	79.2 81.1	79.2	79•2 81•1	79.2 81.1	79•2 81•1
≥ 10000 ≥ 9000	80.9	82.7	82.9 84.0	84.0	82.9	82.9	82.9 84.0	82.9	82.9	82.9 84.0	82.9	82.9	82.9 84.0	82.9 84.0	82.9 84.0	82.9 84.0
≥ 8000 ≥ 7000	82.6	84.7 85.6	84.9 85.8		85.9	85.1 85.9	85.1 85.9	85.1 85.9	85.1	85.1 85.9	85.1 85.9	85.1 85.9	85.1 85.9	85.1 85.9	85.1 85.9	85 · 1 85 · 9
≥ 6000 ≥ 500∪	84.9	87.4	87.6 88.4	88.5	88.5	88.5	87.7	87.7	87.7	87.7	87.7	87.7	88.5	88.5	87.7	87 • 7 88 • 5
≥ 4500 ≥ 4000	87.1	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.9	91.3	91.3
≥ 3500 ≥ 3000	90.6	93.7	94.0	95.7	95.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	95.7
≥ 2500 ≥ 2000	92.2 92.7 92.4	96.9 96.9	96.5	97.4	96.6	96.6 97.4	97.4	97.4	96.6 97.4	96.6 97.4	96.6	96.6	96.6 97.4	96.6 97.4	96.6 97.4	97.4
≥ 1800 ≥ 1500	92.9	97.6	97.4 98.0		98.2	98.2	97.6 98.2 98.7	97.6 98.2	98.2	98.2	97.6 98.2	97.6 98.2	98.2	98.2	98.2	98.2
≥ 1200 ≥ 1000 > 900	93.1	98.2	98.0	98.9	99.1	99.	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99,1	99.1
≥ 800	93.1	98.5	98.9	99.2	99.5	99.5	99.	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.5	99.7
≥ 700 ≥ 600 ≥ 500	93.1	98.7	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400 ≥ 300	93.1	98.8	99.4	1	100.0	100.0		100.0		100.0	100.q	100.0	100.0		100,0 100.0	100.0
≥ 100	93.1	98.8	99.4	99.7	100.0				100.0		100.0	100.0		•	100.0	1
≥ 0	93.	98.4	99.4	1				100-0		100-0		100.d	100.0	100.q		

TOTAL NUMBER OF OBSERVATIONS.

93

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

KSC SHUTTLE APT FL

70-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

ERING							VISI	BILITY STA	ITUTE MILE	5						
1661	≥+0	≥ 6	≥ 5	2 4	≥3 ,	22: .	£ ?	≥i	≥: .	≥1	2 4	≥ .	≥ .	≥5 16	≥ .	≥0
NO CEIUNG	58.2	59,4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	1	59.4	59.4
≥ 20000	77.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9		78.9
≥ 18000	77.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ :6000	77.8	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4000	79.4	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 12000	80.8	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ :0000	82.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6		84.6	84.6
≥ 9000	83.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 8000	84.9	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
. ≥ 2000	85.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89-1
≥ 6000	87.0	90.2	90.6	90.6	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6		90.6	90.6
± 5000	87.8	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6		91.6	91.6
≥ 4500	88.2	91.6		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0		92.0			92.0
≥ 4000	89.1	92.9		93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4		93.4	93.4
≥ 3506	89.9	94.0	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5		94.5	94.5
≥ 3000	91.2	95.9	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	91.6	96.3	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2		97.2	97.2
≥ 2000	91.8	97.3	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	91.9	97.4	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	92.1	97.7	98.3	98.5	98.4	98.6	98.6	98.6	00.4	98.6	98.6	98.6	98.6		98.4	98.6
≥ 1200	92.4	98.3	98.9	99.1	99.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2		99.2	99.2
≥ 1000	92.4	98.3	98.9	99.1	99.2	99.2	99.2	99.2	99.1	99.2	99.2		99.2		90.3	7 :
l	92.4	98.3	98.9	99.1	99.2	99.2	99.2	99.2	90.2	99.2	99.2	99.2	99.2		99.2	99.2
≥ 900 ≥ 800	92.4	98.5	99.1	99.4	99.5	99.5	99.5	99.5	99.	99.5	99.5	99.5	99.5	00.		7
	92.4	98.6	7704	99.5	99.4	99.6	99.6	99.4	77.3	99.6		99.6	99.6	99.6	66 4	99.5
≥ 700 ≥ 600		98.7	77.4	99.7	99.8	99.8			77.9			1 1 7 7			77.0	
·	92.4		77.4	99.4			99.8	99.	77.8	99.8	99.8	99.8	99.0		77.6	99.8
≥ 500 ≥ 400	92.4	98.9	99.4	11.	4	100 · g									100.g	
	92.4	98.9	99.6												100,g	
≥ 300	92.4	98.9	77.0											_ =	100, g	
≥ 200	92.4	98,9	97.4												100.0	
≥ 100	92.4	98.9	97.6												100.0	
≥ 0	92.4	98.9	99.6	77.9	700.d	100.0	100 · Q	100 • Q	100 · Q	100.0	100.q	100.0	100.0	100.d	100.0	100.0

TOTAL NUMBER OF ORSERVATIONS

929

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

GLUBAL CLIMATULUMY BRANCH USAFFTAC AIR JEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

12860 KSC SHUTTLE APT FL

70-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1800-2000

CEIUNG							v-51	BILITY STA	TUTE MILE	\$						
1661	≥10	≥6	≥ 5	≥ 4	2,	≥2.	\$?	≥ .	212	3.		≥ .	<u> </u>	25 16	2	≥0
NO CEILING	60.6	67.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5		62.5	62.5
± 2000C	78.4	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 18000	78.4	-80.₹	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5		80.5	80.5
≥ 16500 -	78.9	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 14000	79.8	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.4	81.8	81.8	81.5	81.8
≥ 12000	81.0	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	·83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 10000	82.5	84.5	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 9000	83.\$	86.2	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.6	86.8	86.8
3 8000	84.4	87.6	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
2 7000	85.1	88.4	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 6000	86.1	89.9	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 5900	86.7	90.6	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4500	87.4	92.2	92.4	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
2 4000	88.4	93.4	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8		94.8
≥ 3500	89.2	95.0	95.6	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2		96.2	96.2
≥ 3000	89.4	95.8	96.4	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	90.7	97.1	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	90.9	97.6	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	90.9	97.6	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9		98.9	98.9
≥ 1500	91.0	97.9	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	91.0	98.2	98.8	99.2	99.3	99.5	99.5	99.5	99.5	19.3	99.5	99.5	99.5		99.5	99.5
≥ 1000	91.0	98.3	98.9	99.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.4	99.6
. ≥ 900	91.1	98.4	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	91.1	98.4	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	91.1	98.4	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	91.1	98.4	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	91.1	98.4	99.0	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.d	
≥ 400	91.1	98.4	99.0	99.5	99.7	99.7	99.7	99.8	99.4	99.9	99.9	99.9	100.d	100.0	100.d	100.d
≥ 300	91.1	98.4	99.0	99.5	99.7	¢ 5.7	99.7	99.8	99.4	99.9	99.4	99.9	100.d			100.0
≥ 200	91.1	98.4	99.0	99.5	99.7	99.7	99.7	99.8	99.4	99.9	99.9	99.9	100.d	100.a		
≥ 100	91.1	98.4	99.0	99.5	99.7	99.7	99.7	99.8	99.1	99.9	99.4			100.0		
≥ 0	91.1	98.4	99.0	99.5	99.7	99.7	99.7	99.8	99.	99.9	99.9		1	100.d		
											1	1				

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATULUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL

70-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS:

2100-2300

CEIUNG							Ç1 <u>Ç</u> 1	3-1 ** 5*A	TOTE MILE	5						
FEE!	≥10	≥ 6	≥ '	2.4	≥ 3	≥ 2	2.	≥1	214	≥ .	4 1	≥ .	2 .	25 16	2.4	≥0
NO CEUNG ≥ 29000	67.1	77.6	68.4 77.6	68.5	68.5	68.5 77.7	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 18000 ≥ 16000	76.5	78.0	78.0 78.0	78.1 78.1	78 - 1 78 - 1	78.1 78.1	78.1 78.1	78.1 78.1	78.1 78.1	78.1 78.1	78 · 1 78 · 1	78.1 78.1	78.1 78.1	78.1 78.1	78.1 78.1	78.1 78.1
≥ 14000 ≥ 12000	77.2	78.7	78.7	78.9 81.0	78.9	78.9 81.0	78.9	78.9 81.0	78.9	78.9 81.0	78.9	78.9	78.9 81.0	78.9 81.0	78.9 81.0	78.9 81.0
≥ 100%C ≥ 90%C	80.8	82.6	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.8
≥ 8000 ≥ 7000	82.2	84.5	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8 85.5	84.8	84.8
≥ 6000 ± 5000	84.3	86.6	86.8	87.1	87.1	87.1	87.1 88.5	87.1 88.5	87.1	87.1	87.1 88.5	87.1 88.5	87.1	87.1 88.5	87.1	87.1 88.5
≥ 4500 ≥ 4000	87.7 88.1	91.2	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500 ≥ 3006	89.5	94.0	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2500 ≥ 2000	91.7	97.1	97.6	97.8	97.8	97.8 98.5	97.8	97.8 98.5	97.8	97.8	97.8 98.5	97.8	97.8	97.8	97.8	97.8
≥ 1800 ≥ 1500	92.3	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7 99.0	98.7
≥ 1200 ≥ 1000	92.6	98.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900 ≥ 800	92.6	98.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700 ≥ 600	92.6	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500 ≥ 400	92.6	98.7	99.4	100.0	100.0	100.0	00.0	100.0	00.0		00.0	100.01	00.0	100.0	100.01	100.0
≥ 300 ≥ 200	92.6	98.7	99.4	100.0	00.0	100.0	100 . d	100.0	100.0	100.0	00.0	00.0	00.0	100.0	100.0	00.0
≥ ¹00 ≥ 0	92.6	98.7	99.4	100.0	100.q	100.0	100.0	100.0	00.0	100.0	00.0	100.0	00.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

CENING							V(S)	BHLITY STA	TUTE MIKE	\$						
1 FEET	≥ ;0:	≥ 6	≥ 5	> :	≥ 3	≥2:	27	2	21	≥ '	2 ·	≥ .	≥	. ها 5 ≤	2	≥ ?
NG CEIUNG ≥ 20000	57.4 70.7	60.7			61.5	61.5	61.7	61.8		62.0 76.6					62.2	-
≥ 18000	71.1	75.4			76.4	76.4		76.7	76.7	76.9		76.9	77.1	77.1	77.2	77.2
2 15000	71.5	75.9		76.6	76.9	76.9		77.1	77.1	77.4		77.4	77.5	77.5	77.6	77.6
≥ 14000 ≥ 12000	72.4	76.9	77.3	77.6	77.9	77.9		78.1	78.1	78.4	78.4	78.4	78.5	78.5	78.6	78.6
2 1/0000	73.8	78.5	78.9	79.2	79.3	79.5	79.7	79.7	79.7	80.0	80.0	80.0	80.1	80.1	80.2	80.2
≥ 9000	76.2	81.7	82.1	82.5	82.8	82.8	;	83.0	83.0		83.3	83.3	83.4	83.4	83.5	82.3
≥ 8000	77.2	82.9	83.4	83.8	84.1	84.1	84.3	84.3	84.3	84.6	84.0	84.6	84.7	84.7	84.8	84.8
2 7000	77.9	83.7	84.2	84.6	84.9	84.9	85.1	85.1	85.1	85.4	85.4	85.4	85.5	85.5	85.6	85.0
≥ 6000	79.0	85.0	85.5	85.9	86.2	86.2		86.5	86.5	86.8	86.4	86.B	86.9	86.9	87.0	87.0
2 5500	80.0	86.1	86.7	87.1	87.4	87.4		87.6			87.9	67.9	88.0	88.g	88.1	88.1
≥ 4500 ≥ 4000	81.0	87.6	88.2	90.3	90.6	88.9	90.8	89.2	90.9	89.4 91.1	89.4 91.1	89.4	89.5	89.5 91.2	89.6	89.7
≥ 3500	83.4	90.9	91.5	92.0	92.3	92.3		92.6	92.6	92.8	92.8	92.8	93.0	93.0	93.1	93.1
≥ 3000	84.4	92.3	92.9	93.4	93.8	93.8	94.0	94.0			94.3	94.3	94.4	94.4	94.5	94.6
≥ 2500	85.0	93.2	93.9	94.4	94.7	94.7	94.9	95.0	95.0	95.2	95.2	95.2	95.4	95.4	95.5	95.5
≥ 2000	85.6	94.3	95.1	95.6	95.9		96.4	96.2	96.2	96.5	96.5	96.5	96.0	96.6	96.8	96.8
≥ 1800	85.8	94.5	95.3	95.8	96.2	96.2	96.4	96.5	96.5	96.7	96.7	96.7	96.9	96.9	97.d	97.0
≥ 1500	85.9	95.0	95.7	96.3	96.7	96.7	96.9	97.0	97.0		97.2		97.4	97.4	97.5	97.5
≥ 1200	86.3	95.4	96.5	96.8	97.2	97.2	97.5	97.5	97.5	97.	97.8 98.1	97.8	97.9	97.9	98.0	98.1
≥ 900	86.3	95.7	96.7	97.3	97.7	97.7	98.0	98.1	98.1	98.3	98.3	98.3	98.5	98.5	98.4	98.6
2 800	86.3	95.9	96.9	97.6	98.0	98.0	98.3	98.4	98.4	98.6	98.6	98.6	98.8	98.8	98.9	98.9
≥ 700	86.4	96.1	97.1	97.8	98.3	98.3	98.5	98.6	98.6	98.9	98.9	98.9	99.0	99.d	99.1	99.2
≥ 600	86.4	96.2	97.2	98.0	98.5	98.5	98.7	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99,3	99.4
≥ 500 ≥ 400	86.4	96.3	97.3	98.1	98.6	98.6	98.9	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.5	99.3
	86.4	96.4	97.5	98.2	98.7	98.7	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.7	99.7
≥ 300 ≥ 200	86.4	96.4	97.5	98.2	98.7	98.5	99.1	99.2	99.2	99.5	99.5	99.5	99.7	99.7	99.8	99.4
≥ 100	86.4	96.4	97.3	98.2	98.7	98.6	99.1	99.2	99.2	99.3	99.1	99.5	99.7	99.7	99.	99.9
≥ 0	86.4	96.4	97.5		98.7	98.8	99.1	99.2	99.2	99.5	99.5	99.9	99.7	99.7	99.9	100-0

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CEILING VERSUS VISIBILITY

12868 KSC SHITTLE APT FL

70-77

__APR

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS:

0000-0200

· Fally							¥ (\$19	S (** - S*A	STEM G	,						
rier -	≥10	≥ 6	≥ <	_ <u>- 4</u>	+- 	27.	2.7	2	≥:.		2 .	? .	2	25.5	· ·	≥:
NO CHUNG 2 20000	63.7	67.7		68.2		68.3	68.3	68.3 83.6	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 18000	79.1	83.1	84.4	84.3	84.4	84.4		84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 14000	79.9			85.1	85.4	85.2	85.2	85.2					85.2	85.2	85.2	85.2
≥ 14000	80.8		85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.L	86 • 1
≥ 12000	81.0	- 1		86.4	86.5	86.5	86.5	86.5							86.5	
≥ 10000	83.8		89.4	89.3	89.4	89.4	99.4	89.4							89.4	
≥ 9000:	84.9		90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	
≥ 8000	85.5	91.2	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2006	85.5	91.2	91.5	91.7		91.8		91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
÷ 6000	86.3	92.1	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.6
2 5000	86.9	93.0	93.3	93.4		93.5		93.5	93.5	93.5	93.5	93.3	73.7	93.7	93.5	93.5
≥ 4500	87.8		94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	74.7	74.7	94.9	
≥ 4000	88.8		95.7	95.8	95.9	95.9	95.9								95.9	
≥ 3500	90.3		97.3	97.4	97.4	97.6	97.6	97.6						97.6		
≥ 3000	90.4		97.4	97.6	97.7	97.7	97.7								97.7	
≥ 2500	90.7	97.6	97.9	98.d	98.1	98.1	98.1	98.1	78.1	98.1	70.1	20.0				
≥ 2000	91.1	98.3	98.7	98.8	98.9	98.9				99.1			99.1		99.1	
≥ 1800 ≥ 1500	91.2	1 1	98.8	98.9	99.0	99.0	99.1	99.1		99.1		99.1			99.1	
<u> </u>	91.2	98.4	98.8	98.9	99.4	99.0	99.1		99.2		99.2		99.2		99.2	
≥ 1200 ≥ 1000	91.2	7 1	98.9	99.0	99.1	99.3	99.2	99.4			99.4		99.4	_	1	99.4
ļ	91.2		99.0	99.1	99.3	99.3	99.4	99.4	99.4		99.4		99.4			
≥ 900 ≥ 800	91.4	- 1	99.4	99.6	99.8	99.8	99.9	7)	99.9		}
<u> </u>	91.4		99.4	99.6	99.8	99.8	99.9		99.9	99.9					99.9	99.9
≥ 700 ≥ 600	91.4	, , , , ,	99.4	99.6	99.8	99.8	- 1	99.9	. 1		99.9			99.9		
	91.4		99.6		99.9		100.0	100.0	100.0				100.0	100.0	100.0	100.0
≥ 500 ≥ 400	91.4		99.6	99.7	1	99.9	100.0	100 · a	100.d	100.0	100.0	100.0	100.0	100.0	100,0	100.0
≥ 30C	91.4	99.1	99.6			99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 700	91.4		99.6		99.9	99.9	100.d	100.0	100 · Q	100.0	100.0	100 · d	100.Q	100.0	100.0	100-0
> 100	91.4	99.1	99.0	99.7	99.9	99.9	100.0	100.d	100 · Q	100.0	100.0	100.0	100.Q	100.0	100.q	100•d
≥ 0	91.4	1 1 7 7	99.0		99.9	99.9	100.d	100-d	100.d	100.0	100.0	100.0	100.0	100.a	100.Q	100.0
<u> </u>	<u> </u>															

TOTAL NUMBER OF OBSERVATIONS

82

USAF ETAC 100 04 0+14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12869 KSC SHUTTLE APT FL

70-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS)

0300-0500

900

(EUNG							V:5/6	3!(ı*+ 5T4	TU*E MILE	5						
+66.	≥10	≥6	≥ 5	≥4	≥ 3	≥2.	≥.7	≥1	≥1.	21	2.	≥	2 ,	≥5 10	2.	≥:
NO CENTAL	52.1	6R.9	69.4	69.7	69.8	69.9	69.9	69.9	69.9		69.9	69.9	70.1	70.1		, , ,
≥ 20000	72.9	50.3			81.4	81.3	81.3	81.3	81.3		81.3	81.3	81.0		81.8	
≥ 18000	73.3	80.8	81.3	81.6	81.7	81.8	81.8	81.6	81.8	81.8	81.8	81.9	82.0	82.0	82.2	- 1
. <u>1</u> 16000	74.2	81.7	82.2		82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.9	82.9	83.1	83.1
≥ 14000	74.2	81.8	82.3	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.4	82.8	83.Q	83.Q	83.2	83.2
: 12066	75.1	82.7	83.2		83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9	83.9	84.1	84.1
≥ ,0000	76.6	84.6	85.1	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.4	85.6	95,8	85.8	86.Q	86.0
≥ 900€	77.4	86.6	87.1	87.3	87.4	87.6	87.6	87.6	87.6		87.6	87.4	87.8	87.8	88.0	88.0
⊵ 8000	77.6	87.1	87.7	87.9	88.0	88.1	86.1	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.4	
. 7000	77.9	87.6	88.1	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8	89.q	89 • C
≥ 6 000	78.1	88.0	88.4	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.d	89.2	89.2	89.4	
z 5000	78.8	89.4	90.0	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.7	90.7	90.9	90.9
:: 450°C	80.7	91.3	91.9	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.6	92.6	92.8	92.8
. 4900	81.9	93.4	94.0	94.7	94.	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.7	94.7	94,9	94.9
≥ 3500	82.6	94.7	95.2	95.4	95.0	95.7	93.7	95.7	95.7	95.7	95.7	95.7	95.9	95.9	96.1	96.1
2 3006	83.0	95.2	95.8	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.7	96.7
2 250G	83.4	95.9	96.4	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.3	97.3
1 JANOA.	83.9	97.0	97.0	97.8	97.9	98.0	98.0	98.0	98.d	98.Q	98.Q	98.q	98.2	98.2	98.4	98.4
+ 90C	84.0	97.3	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.8	98.8
	84.1	97.4	98.1	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	5 3.8	98.8	99.0	99. d
•	84.2	97.7	98.2	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	99.1	99.1
	84.4	97.9	98.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.3	99.3
	84.4	98.1	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.4	99.6
• •	84.4	98.3	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.8	99.8
•	84.8	99.3	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.8	99.8
	84.4	98.4	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.4	99.4	99.6	99.8	99.8	100.d	100.d
•	44.4	90.4	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	100.d	100 · 0
	14.4	98.4	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.4	99.4	99.6	99.8	99.8	100.d	100 · d
	is.i	98.4	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.4	99.6	99.6	99.8	99.8	100.0	100.0
	14.4	98.4	99.4	99.3	99.4	99.6	99.4	99.6	99.6	99.4	99.6	99.6	99.8	99.6	100,d	100-d
	4.	98.4	99.0	99.3	99.4	99.0	99.4	99.6	99.6	99.6	99.4	99.6	99.8	99.8		
		94.4	99.0	99.1	99.4	99.6				99.6				99.8	100.d	100-d
			1													

TOTAL NUMBER OF OBSERVATIONS...

CEILING VERSUS VISIBILITY

12868

2

KSC SHITTLE APT FL

70-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS:

0600-0800

LEUNG							V151	BILITY STA	STUTE MILE	5						
4567	≥ '0	≥0	≥ 5	≥ 4	≥ 3	≥2.	22	≥'₁	21.	2	2	≥ `.	2 . ;	≥ 5 16	≥ .	≥0
NG (EILING ≥ 20000	48.8 58.6	58.8 70.8			61.8	61.8						62.8		63.2 76.1		63.6
≥ 18000 ≥ 16000	58.9 59.4	71.1	72.8 73.4		75.0 75.7	75.0	75.2 75.9		75.2	76.0 76.7	76.0 76.7	76.0 76.7	76.4	76.4 77.1	76.6	76.8 77.4
≥ 14006 ≥ 17000	59.9 60.7	72.7	74.3	75.3 76.6	76.6 77.8	76.6 77.8	76.8 78.0	76.8 78.0	76.8 78.0	77.6 78.8	- 1	77.6 78.8	78.0 79.2	1	1	- 1
≥ 10000 ≥ 9000	62.7	76.4	78.3 79.1	79.3	80.0 81.3	80.6	80.8	80.8	80.8	81.6 82.3	81.6	81.6	82.0 82.8			82.3
≥ 8000 ≥ 1000	54.0 64.9	78.2 79.1	80.1	81.1	82.3	82.3 83.2	82.7	63.6	82.7 83.6	84.3	83.4	83.4	83.9	1	84.0	}
2 6090 2 5000	65.9	81.3	82.1	83.1	84.4	85.6		85.9	84.8	86.7	85.6		87.2	87.2	87.3	87.6
≥ 4500 ≥ 4000	67.8	84.1	86.1	86.0	88.4	87.3 88.6	88.9	87.7	87.7	88.4	88.4		90.2		90.3	90.6
≥ 3500 ≥ 3000	70.1	85.6	87.6 88.4	89.6	90.9	90.9	91.2		91.2	92.0			91.7 92.6	92.6	92.7	92.9
≥ 2500 ≥ 2000	70.6	87.0	90.2	91.3	91.4	91.4	93.0	91.8	91.8	93.8	93.8		94.3	94.3	93.2	94.7
≥ 1800 ≥ 1500	71.3	88.2	90.9	91.6	92.9	92.9	93.9	93.2		94.7	94.7	94.7	94.6	95.2	95.3	95.6
≥ 1200	72.1 72.2 72.4	89.4 89.7	91.7 91.9 92.3	93.0 93.2	94.4	94.4	95.0	94.8	94.8 95.0	95,8	95.8	95.6			96.4	96.7
≥ 900 ≥ 800 ≥ 700	72.0	90.7	92.6	93.9	95.7	95.7		96.0	96.0	1		96.8	_ "	97.3	97,4	97.7
≥ 600 ≥ 500	72.7 72.7	90.7	93.2	94.9	96.8	96.8 97.0	97.1	97.1	97.1			97.9		98.4		98.0
≥ 400 ⇒ 300	72.7	91.1	93.7	95.3	97.4	97.6	98.0	98.0 98.0	98.0	98.8	98.8	98.8	99.3	99.3	99.4	1
≥ 200	72.7	91.1	93.7	95.3	97.4	97.6	98.0	98.1	98.1	98.9	98.9	98.9	99.0		99,7	100.0
≥ 0	72.7	91.1	93.7	95.3	97.4	97.6	98.0	98.1	98.1	98.9	98.9	98.9	99.6	99.6	99.7	100-0

TOTAL NUMBER OF OBSERVATIONS

770

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRET

CEILING VERSUS VISIBILITY

12868

2

KSC SHUTTLE APT FL

10-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							V 51	B+, ** \$14	ATUTE MUE	5						
FEET '	≥10	۵≤	≥ 5	2.4	<u>≥</u> 3	≥2:	≥ ?	≥.	21.	<u>≥</u> :	2 .	≥ .	<u> </u>	25 16	٤.	≥:
NC CEILING	59.2	67.2	62.4		1					62.6		62.6		62.6		62.6
≥ 20000	71.9	76.4	76.8	76.9	76.9			76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 18000	72.1	76.	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
2 16000	72.8	77.9	78.4	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ :4000	73.0	78.2	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	73.8	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 10000	75.4	81.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.4	81.0	81.6	81.6	81.6	81.6	81.6
≥ 9000	75.7	81.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 8000	76.7	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.Q	83.0	83.0	83.0
≥ 7000	77.4	83.3	83.7	83.8	83.8	83.8		83.8	83.8	83.8	83.8		8.68	83.8	83.6	83.8
≥ 6000	79.1	85.4	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.Q	86.0
≥ 5000	80.4	87.3	87.7	87.8	87.9	87.9		87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4500	82.1	89.3	89.7	89.8	89.9	89.9		89.9		89.9	89.9		89.9	89.9	89.9	89.9
≥ 4000	82.3	90.0		90.4	90.0	90.6		90.6	90.6	90.6	90.4	90.6	90.4	90.6	90-6	90.4
≥ 3500	83.9	97.0		92.7	92.8			92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3000	84.4	92.8	93.4	93.7	93.8			93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
> 2500	84.9	93.7	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000	86.4	95	96.3	96.6	96.7	96.7		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1 80 0	86.9	96.2	96.9	97.1	97.2	97.2		97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	87.6		97.8			98.2		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
	87.9		98.3	98.6	98.9	98.9		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200 ≥ 1000	3		98.4	98.7	99.0	99.0		1	1	1			1			
	87.9 87.9		98.4		99.1	99.1		99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.d	99.0
≥ 900 ≥ 800	7			1111			99.1	99.1		99.1	99.1			- 11 - 3	99.1	99.1
	87.9		98.8		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	?9,3	99.3
≥ 700 ≥ 600	87.9	7	99.0		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	22.7	99.7
2 000	87.9	98.1	99.1	99.4	99.9	99.9	99.9	99.9	79.4	99.9	99.9	99.9	99.9	99.9	99.9	79.7
≥ 500	87.9	98.	99.1	99,4			100.0									
≥ 400	87.9		99.1				100.0									
≥ 300	87.9	1	99.1	[100.0									
≥ 200	87.9	98.1	99.1	99,4	100.0	100.0	100.0	<u> 100.q</u>	100.Q	100.g	100.d	<u> 100.q</u>	100.g	100.q	100,g	100.0
≥ 100	87.9	98.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.d	100.0	100.0	100.d	100.Q	100.0
ک ک	87.9	98.1	99.1	99.4	100 · d	100.d	100.d	100.d	100.d	100.d	100.d	100.d	100.d	100.d	100.d	Loo.d

TOTAL NUMBER OF OBSERVATIONS.

900

USAF ETAC 100 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

2

12868 KSC SHUTTLE APT FL

70-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEIUNG							viŞi	Billity ST	ATUTE MILE	5						
: FEET	≥10	≥6	≥ 5	≥ 4	≥3	22:	2.7	≥ì.	≥1.	21	2 4	≥ .	2 .	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	60.1 77.4	62.2			62.2			62.2		62.2	62.2	62.7	_ '	- 1	62.3	62.3
≥ 18000 ≥ 16000	77.8 77.8	80.9	80.8		80.8		80. 6	80.8	80.8 80.9	80.8	80.8	80.8	80.9 81.0	80.9 81.0	80.9	80.9 81.0
≥ 14000 ≥ 12000	78.6 80.9	81.7 84.1	81.7 84.2	81.7 84.2	81.7	81.7 84.2	81.7 84.2	81.7 84.2	81.7 84.2	81.7	81.7 84.2	81.7 84.2	81.8 84.3	81.8	81.8	81.8
≥ 10000 ≥ 9000	82.4 82.8	85.8 86.1	86.2	86.2	85.9 86.2	86.2	85.9	85.9 86.2	85.9 86.2	85.9 86.2	85.9	85.9 86.2	86.0 86.3	86.0 86.3	86.0	86.0
≥ 8000 ≥ 7000	84.3	88.0	88.3	88.1	88.1	88.1		88.1 88.3	88.1	88.3	88.1	88.1	88.2 88.4	88.2	88.2	88.2
≥ 6000 ≥ 5000	85.3	89.2 91.2	91.3	91.3	89.3 91.3	91.3		91.3	91.3	91.3	91.3	89.3 91.3	89.4 91.4	91.4	91.4	91.4
≥ 4500 ≥ 4000	87.2 87.9	92.2	93.3	93.3	92.4	93.3	93.3	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	93.4
≥ 3500	89.4 90.2	94.9 96.3 97.6	96.8	96.8	95.1			95.1 96.8	95.1 96.8 98.1	95.1 96.8	95.1 96.8	95.1 96.8		96.9	95.2	96.9
≥ 250C ≥ 2000 ≥ 1800	91.3	98.3	98.9 98.9	99.1	98 · 1 99 · 1	98.1 99.1 99.1	98.1 99.1 99.1	98.1 99.1	99.1	98.1 99.1	98.1 99.1	98.1 99.1	98.2 99.2	98.2 99.2	98.2 99.2	1
≥ 1500 ≥ 1200	91.3	98.4	99.0		99.2	99.2		99.3	99.4	99.3	99.3	99.3	99.4	99.4	99.4	
≥ 1000	91.3	98.5	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99,8	99.8
≥ 800	91.3	98.6	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100,0	100-0
≥ 600 ≥ 500	91.3	98.8	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 400	91.3	98.8	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100-0
≥ 200	91.3	98.8	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100,0	100.0
≥ 0	91.3	98.8	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8			100.0		

TOTAL NUMBER OF OBSERVATIONS...

900

USAF ETAC 101.64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL

70-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEIUNG							viSil	BILITY STA	TOTE MILE	5						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1	≥1	<u>></u> ·	≥ •	٤,	≱:	≥5 16	2.	≥ c
NO (EILIN'S ≥ 20000	58.2 78.1	60.7 81.4	60.7	60.7	60.7	69.7 81.4	60.7 81.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7 81.4	60.7 81.4	60.7
≥ 18000 ≥ 15000	78.2 78.5	81.5	81.5	81.5 81.9	81.5	81.9		81.5 81.9	81.5	81.9	81.5 81.9	81.9	81.5	81.5	81.5 81.9	81.5 81.9
≥ 14000 ≥ 12000	79.3	82.0	82.8	82.8 85.0	82.8	82.8 85.0		82.8 85.0	82.8	82.8 85.0	82.8	82.8 85.0		82.8	82.8 85.0	82.8
≥ 9000	83.1	86.8	86.8	86.8	86.8	86.8	88.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 8000 ≥ 2000 ≥ 6000	85.9 86.4	90.9	90.9	90.9	90.9 91.7 93.3	90.9 91.7 93.3	91.7	90.9	90.9 91.7 93.3	90.9 91.7 93.3	90.9 91.7 93.3	90.9 91.7 93.3	90.9 91.7 93.3	90.9 91.7 93.3	90.9 91.7 93.3	90.9 91.7 93.3
≥ 6000 ≥ 5000 ≥ 4500	88.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4000 ≥ 3500	89.7	96.6	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6		96.6	96.6
≥ 3000 ≥ 2500	91.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	91.5	99.3	99.4	99.7	99.7	99.8		99.8	99.7	99.7	99.7	99.7	99.8	99.7	99.7	99.7
≥ 1500 ≥ 1200 ≥ 1000	91.5	99.5					100.0						100.0			
≥ 900 ≥ 800	91.7 91.7 91.7	99.6	99.7	100.0	100.0	100.0	100.0 100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.d	100.0	100, q	100.0
≥ 700 ≥ 600	91.7	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.d	100.d	100.d	100.d	100.0	100.d	100.0
≥ 500 ≥ 400	91.7	99.6	99.7	100.0	100.0	100.0	100.0	100.0	00.0	100 -d	100.d	100.0	100.0	100.d	100.d	100.d
≥ 300 ≥ 200	91.7	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0	100.0 100.0	100.d 100.d	100.0	100.0
≥ 100 ≥ 0	91.7	99.6		1	- 7		100.0		1.			+				

TOTAL NUMBER OF OBSERVATIONS,

_879

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12808 KSC SHUTTLE APT FL

2

70-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							vis	BILITY STA	ATUTE MIL	. E 5						
+661	≥10	≥ 6	≥ 5	≥ 4	≥3	≥2:	≥2	≥1:	≥1.4	≥ '	٥.	≥ .	≥ .	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	61.5	63.4	63.4	63.4 83.2		63.4	63.4 83.2	63.4 83.2	63.4	63.4 83.2	63.4 83.2	63.4	63.4		63.4 83.2	63.4 83.2
≥ 18000 ≥ 16000	80.2	84.3	83.3	83.3	83.3 84.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 14000 ≥ 12000	82.1	85.3 86.3	85.3	85.3 86.3	85.3 86.3	85.3 86.3	85.3 86.3	85.3	85.3	85.3 86.3	85.3	85.3 86.3	85.3 86.3	85.3	85.3	85.3
00001 ≤ 10000	84.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5 89.2	87.5	87.5	87.5	87.5	87.5	87.5
≥ 8000 ≥ 7000	86.6	90.6	90.0	90.6	90.6	90.6			90.6		90.6	90.6	90.6	90.6	90.6	90.6
≥ 6000 ≥ 5000	88.6		93.4			93.4	93.4	93.4	93.4	93.4 94.1	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500 ≥ 4000	90.1	95.4	95.4	95.4		95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3500 ≥ 3000	91.3	97.3	97.3	97.3	97.3 98.3	97.3	97.3	97.3	97.3	97.3 98.3	97.3	97.3	97.3	97.3	97,3	97.3
≥ 2500 ≥ 2000	92.4	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800 ≥ 1500	92.8	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200 ≥ 1000	93.0 93.1	99.4	99.8	1	1	99.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900 ≥ 800	93.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	93.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	93.1 93.1	99.6			1		🕶			100.0					100,0	
≥ 300 ≥ 200	93.1 93.1	99.6								100.0			1		100.0	1
≥ 100 ≥ 0	93.1 93.1	99.6								100.0						

TOTAL NUMBER OF OBSERVATIONS ..

__121

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

CEILING VERSUS VISIBILITY

2

12868 KSC SHUTTLE APT FL

10-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEIUNG							V15	IBILITY STA	II'M BTLTA	ES						
i "EE"	≥10	≥6	≥5	≥ 4	≥ 3	≥2.	≥ /	≥ .	≥: .	≥1	2.	≥.	≥ .	≥ 5 16	2.	≥¢
NO CEIUNG ≥ 20000	70.6 83.6		7 71.7 2 85.2	71.7 85.2	71.7	71.7	71.7 85.2	71.7	71.7	71.7	71.7 85.2	71.7	71.7 85.2	71.7 85.2	71.7	71.7 85.2
≥ 18000 ≥ 15000	83.6		1			85.2	85.2	85.2 86.2	85.2	85.2 86.2	85.2 86.2	85.2 86.2	85.2 86.2	85.2 86.2	85.2	
≥ 14000 ≥ 12000	84.8	86.	86.4	86.4	86.4	86.4	86.9	86.4	86.4	86.9	86.4	86.4	86.4	86.4	86.4	
≥ 10000 ≥ 9000	86.9	89. 90.	89.1 90.8	89.1 90.8	89.1 90.8	89.1 90.8	90.8	89.1 90.8	89.1 90.8	89.1 90.8	89.1 90.8	89.1 90.8	89.1 90.8	89.1 90.8	89.1 90.8	- 1
≥ 8000 ≥ 7000	89.3	92.	92.3 93.0		92.3	92.3 93.0	92.3		92.3	92.3 93.0	92.3 93.0	92.3	92.3 93.0	92.3 93.0	92.3	92.3 93.0
≥ 6000 ≥ 5000	90.9 91.8	95.				94.7			94.7	94.7 95.6		94.7	94.7 95.6	94.7	94.7	94.7 95.6
≥ 4500 ≥ 4000	93.0 93.1	97.0				96.9	96.9		96.9	96.9		96.9	96.9	96.9 97.0	96.9 97.0	
≥ 3500 ≥ 3000	94.2	98. 98.	98.1	98.1	98.1	98.1 98.7	98•1 98•7	98.1	98.1 98.7	98.1 98.7	98.1 98.7	98.1 98.7	98.1 98.7	98.1 98.7	98.1 98.7	
≥ 2500 ≥ 2000	95.1 95.4	99.	99.6		99.6	99.6	99.6	99.6	99.6	99.0	99.0	99.0	99.0	99.0 99.6	99.6	99.6
≥ 1800	95.4 95.4	99.	99.0	99.6	99.0	99.6	99.6		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	95.6	99.	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900 ≥ 800	95.7		100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	
≥ 700 ≥ 600	95.7	100.	100.0	100.0		100.0	100.0	100-0	100.0	100.0	100.Q	100.0	100.0		100.0	100-0
≥ 500 ≥ 400	95.7	100.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.q	100.0	100.d	100.0	100,0	100.0
≥ 300 ≥ 200	95.7	100.	100.0	100.0	100.0	100.0	100.d	100.0	100.0	100.Q	100.d	100.d	100.q	100.d	100,0	100.0
≥ 100 ≥ 0	1	_	100.0											1		

<u>900</u>

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12868

2

KSC SHUTTLE APT FL

<u>70-79</u>

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							viSi	BILITY ST	ATUTE MILE							
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1	≥; ,	≥1	≥ '4	≥ .	≥ .	≥ 5 16	≥ .	≥0
NO CEILING	60.5	64.5	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.4
≥ 20000	75.1	80.1	80.5	80.7	80.8	80.9	180.9	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1
≥ 18000	75,4	80.4	80.8	81.0	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4
≥ 16000	76.0	81.2	81.5	81.7	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.2	82.2
≥ 14006	76.6	81.8	82.2	82.3	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8
≥ 12000	77.6	83.0	83.4	83.6	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.1
≥ 10000	79.4	85.0	85.4	85.6	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.1	86.1
≥ 9000	80.2	86.2	86.6	86.8	87.0	87.q	87.d	87.d	87.d	87.1	87.1	87.1	87.2	87.2	87.2	87.3
≥ 8000	81.2	87.6	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.7	88.7
≥ 7000	81.8	88.3	88.7	88.9	89.q	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.4
≥ 6000	82.8	89.	90.0	90.1	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.7
≥ 5000	83.5	90.8	91.2	91.4	91.4	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.9	91.9
≥ 4500	84.7	92.3	92.7	92.9	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.5
≥ 4000	85.4	93.3	93.7	93.9	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.5
≥ 3500	86.5	94.6	95.1	95.3	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 3000	87.0	95.4	95.9	96.1	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.7
≥ 2500	87.4	96.1	96.4	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4
≥ 2000	88.0	96.9	97.5	97.8	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.4
≥ 1800	88.1	97.1	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.5
≥ 1500	88.2	97.3	97.9	98.2	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98,8	98.8
≥ 1200	88.4	97.6	98.2	98.5	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1
≥ 1000	88.4	97.7	98.3	98.6	98.9	98.9	99.d	99. q	99.d	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 900	88.5	97.8	98.4	98.8	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 800	88.5	97.9	98.4	98.9	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5	97.6	99.6
≥ 700	88.6	98.0	98.7	99.d	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7
≥ 600	88.6	98.0	98.7	99.1	99.4	99.4	99.5	99.5	99.5	99.6	99.4	99.6	99.7	99.7	99.8	99.8
≥ 500	88.6	98.0	98.7	99.1	99.5	99.5	99.6	99.6	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 400	88.6	98.1	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
≥ 300	88.6	98.1	98.8	99.2	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9		100-0
≥ 200	88.6	98.1	78.8	99.2	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100. a	
≥ 100	88.6	98.1	98.8	99.2	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	88.4	98.1	98.8	99.2	99.6	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.a	100.d

TOTAL NUMBER OF OBSERVATIONS...

719

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

2

KSC SHUTTLE APT FL

70-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG							V151	BILITY 57	AT JTE MILI	F.S.						
FEET	≥10 .	≥6	≥ 5	≥ 4	≥3	≥2:	≥ 7	≥1.	≥1.	≥1	≥ .	≥ .	2 .	≥5 16	2.4	≥0
NO CEILING	62.8			66.1	81.5	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	
	77.0		81.4	81.5	81.5	81.5		81.3	81.5	81.5	81.5	81.5			81.5	81.5
≥ 18000 ≥ 16000	78.0	82.3	81.4		82.7	81.5	81.5	81.5	81.5	82.7	81.5	81.5	81.5	81.7	82.7	81.5
≥ 14000	78.8	83.1	83.3		83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 12000	82.0	85.4	86.7	86.8	86.8	86.8		86.8	86.8	1	86.8	86.8	86.8		86.8	
≥ 10000	84.4	89.1	89.3	89.5	89.5	89.5		89.5	89.5	89.5	89.5	89.5	89.5		89.5	
≥ 9000	87.1	91.9			92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
≥ 8000	88.1	92.9		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3		93.3	
≥ 7000	88.4	93.7	93.6		93.8	93.8	93.8		93.8	93.8	93.8	93.8	93.8	93.8	93.8	
≥ 6000	88.8	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000	89.7	94.	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 450∪	90.3	95.7	96.1	96.2	96.2	96.2	90.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4000	91.3	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	91.9	97.5	98.0	98.1	98.1	98.1	90.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98-1
≥ 3000	92.1	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98,1	98.3
≥ 2500	92.5	98.	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.d	99.0	99.0	99.0	99.Q	99.0
≥ 2000	92.9	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99,5	99.5
≥ 1800	92.9	99.0	99.5	99.6	99.4			99.6	99.6	99.6	99.6	99.6	99.6		99.6	
≥ 1500	93.2	99.4	99.8	99.9	99.9	99.9		99.9	99.9	99.9	99.9	99.9	99,9	99.9	99,9	99.9
≥ 120C	93.2	99.4	99.8	99.9	99.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99,9	99.9
≥ :000	93.2	99.4	99.8	99.9	99.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	99,9	
≥ 900	93.2	99.4	99.8	99.9	99.9	99.9	1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99,9	99.9
≥ 800	93.2	99.4	99.8		99.9	99.9		99.9	99.9	99,9	99.9	99.9	77.3	99.9	99,9	
≥ 700	93.2	99.4	99.0	99.9	99.9	99.9		99.9	99.9	99.9	99.9	99.9	79.9	99.9	99.9	99.9
≥ 600	93.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99,9	99.9
≥ 500	93.2	99.4	99.	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99,9	99.9
≥ 400	93.2	99.4	99.8	99.9	44.4	99.9	99,9	99.9	99.9	99.9	99.9	99.9	44.4	77.9	77,3	99.5
≥ 300 ≥ 200	93.2	99.					100.0							100.d		1
	93.2	99,								100.q						
≥ 100	93.2	99.	1111	. .	- 7		1			100.0		' ' .				
	93.2	7707	77.7	100.0	*00 · 0	100.0	100.0	100.4	100.0	100-0	100.0	100.0	E00.0	*00.d	. UU . Q	•00•U

CEILING VERSUS VISIBILITY

12868

2

KSC SHUTTLE APT FL

70-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VISI	BILITY STA	IJTE MILI	E S						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2:	≥ ?	≥1:	≥1.	≥.	≥ .	≥ : 8	≥ .	≥5 16	≥ . ,	≥0
NO CEILING ≥ 20000	63.3 78.2	67.4	67.6 84.0	1	67.8	67.8	67.8	67.8	67.8	67.8 84.2	67.8	67.8	67.8		67.8 84.2	67.8
≥ 18000 ≥ 15000	78.5 79.1	84.8	84.3 85.1	84.4 85.2	84.5 85.3	84.5	84.5 85.3	84.5 85.3	84.5	84.5 85.3	84.5 85.3	84.5	84.5	84.5	84.5 85.3	84.5
≥ 14000 ≥ 12000	80.2 81.7	67.6	86.1 87.8	86.2 88.0	86.3 88.1	86.3	86.3 88.1	86.3 88.1	86.3	86.3 88.1	86.3	86.3 88.1	86.3	86.3 88.1	86.3 88.1	86.3
≥ 10000 ≥ 9000	82.7 83.7	89.8	90.0	89.d 90.1	90.2	89.1 90.2	89.1 90.2	89.1 90.2	89.1 90.2	89.1 90.2		89.1 90.2	89.1 90.2	89.1 90.2	89.1 90.2	1
≥ 8000 ≥ 7000	84.1 84.3	90.2	90.4	91.2	90.6	90.6	91.3	90.6 91.3	90.6	91.3	91.3	90.6	90.6	91.3	90.6	90.6
≥ 6000	84.6	91.1 92.6	91.4		91.6	91.6	91.6 93.1	91.6 93.1	91.6 93.1	91.6 93.1	91.6 93.1	91.6 93.1	91.6 93.1	91.6 93.1	91.6	91.6
≥ 4500 ≥ 4000	67.0 87.9	94.6	93.9		94.1	94.1 95.2	94.1 95.2	94.1 95.2	94 • 1 95 • 2	94.1 95.2	94.1 95.2	94 • 1 95 • 2	94 • 1 95 • 2	94 • 1 95 • 2	94.1 95.2	94.1
≥ 3500 ≥ 3000	88.9 89.4	96.3	96.8	96.5	96.6	97.0	97.0	97.q	96.6 97.0	97.0	97.0	96.6 97.0	96.6		96.6 97.0	96.6
≥ 2500 ≥ 2000	90.4	96.8	97.2	97.3 98.2	97.4	97.4	98.3	98.3	97.4	97.4 98.3	97.4 98.3	97.4	97.4 98.3	97.4 98.3	97.4	97.4
≥ 1800 ≥ 1500	90.4	97.7	98.2	98.2	98.3	98.5	98.3	98.3	98.3	98.3 98.5	98.3	98.3 98.5	98.3 98.5			98.3
≥ 1200 ≥ 1000	90.6	98.4	98.8	98.6	98.7	98.7 99.1	98.7	98.7	98.7 99.1	98.7 99.1	98.7	98.7 99.1	98.7 99.1	98.7 99.1	98.7 99.1	98.7
≥ 900 ≥ 800	91.1	98.5	98.8	99.0	99.1	99.2	99.1	99.2	99.1	99.2	99.1	99.1	99.2	99.1		99.1
≥ 700 ≥ 600	91.4 91.4	98.6 98.8	99.2	99.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500 ≥ 400 ≥ 300	91.4	99.0	99.5	99.7	99.6	99.6 99.8	99.6	99.6	99.6	99.8	99.8	99.6	99.6	99.8	99,8	99.8
≥ 200	91.6	99.2	99.7	99.9	100.g	100.0	100.d	100.0	100.0		100.0		100.0		100.0	100.0
≥ 100 ≥ 0	91.0	99.2	99.7					100.01							100.0	

TOTAL NUMBER OF OBSERVATIONS__

930

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRIPTE

CEILING VERSUS VISIBILITY

12868

2

KSC SHUTTLE APT FL

70**-7**9

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

TEILING							V151	BILLY STA	ITUTE MILE	ς						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2.	≥ 2	≥' .	212 .	21	≥ .	≥ ,	 ≥ :	≥ 5 16	2.	≥0
NO CEILING	46.8	53.2 73.0		55.3 75.4	55.5 75.7	55.5 75.7	55.6 75.9	55.6 75.9	55.6 75.9	55.0 75.9	55.6 75.9	55.6 75.9	55.6 75.9		55.6 75.9	55.8 76.1
≥ 18000 ≥ 18000	63.5	73.1	74.4	75.5	75.8 77.7	75.8 77.7	76.0 78.0	76.0 78.0	76.0 78.0	76.0 78.0	76.0 78.0	76.0 78.0	76.0 78.0	76.0 78.0	76.0 78.0	76•2 78•2
≥ 14000 ≥ 12000	66.5	76.2 78.7	77.5	78.6 81.1	78.9 81.4	78.9 81.4	79.1	79.1 81.6	79.1 81.6	79.1 81.6	79.1 81.6	79.1 81.6	79.1 81.6	79 · 1	79.1 81.6	79•4 81•8
≥ 10000 ≥ 9000	70.8	81.4	82.7	83.8 85.9	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3 86.5	84.3	84.5 86.7
≥ 8000 ≥ 7000	73.4 75.1	84.7	86.0 87.6	88.7	87.4	87.4 89.0	87.6	87.6	87.6 89.2	87.6 89.2	87.6	87.6	87.6	87.6	87.6 89.2	87.8
≥ 6000 ≥ 5000	75.9 76.5	87.2	88.5	89.6 90.3	90.6	90.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1 90.9	90.9	90.3
≥ 4500 ≥ 4000	77.0	88.6	91.0		91.4	91.4	91.6	91.6 92.8	91.6 92.6	91.6	91.6 92.8	91.6	91.6	91.6	91.6	91.8
≥ 3500 ≥ 3000	78.2	90.3		93.2	93.2	93.5	93.4	93.4	93.4	93.4	93.4	93.8	93.4	93.4	93.4	94.0
≥ 2500 ≥ 2000	78.6	91.9	92.4	93.7	94.9	94.9	94.2	94.2	94.2	94.2	94.2	94.2 95.2	94.2	94.2	94.2	94.4
≥ 1800 ≥ 1500	79.1	92.8	94.2	94.9	95.9	95.9	95.5	95.3	95.5	95.5	95.5	95.5	95.5 96.1	95.5 96.1	95.3	96.3
≥ 1200 ≥ 1000	79.1 79.8	93.8	95.5	96.8	97.0 97.3	97.0 97.3	97.2	97.5 97.5	97.2 97.5	97.5 97.5	97.2 97.5	97.2 97.5	97.2 97.5	97.2 97.5	97.2 97.5	97.4 97.7
≥ 900 ≥ 800	80.1	94.7	95.6	97.5	98.1	98.3	97.6 98.3 98.7	98.3	98.3	98.7	98.3	98.3	98.3	98.3	98.3	98.5
≥ 700 ≥ 600 ≥ 500	80.3	95.2	96.7	98.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9
≥ 500 ≥ 400 ≥ 300	80.3	95.7	97.4	98.7	99.2	99.2	99.5	99.5	99.5	99.9	99.5	99.9	99.5	99.5	99.5	99.7
≥ 200	80.1	95.7	97.4	98.7	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.4	100 • Q
≥ 100	80.3		97.4	98.7	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.	99.8		100-0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

2

12868 KSC SHUTTLE APT FL

70-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CHING							V151	BILITY STA	TOTE MILE	5						
: +£6;		≥6	≥ 5	≥ 4	≥ 3 .	≥2.	≥ 2	<u>z</u> i	≥: .	≥1	≥ 4	≥ .	≥ .	≥ 5 16	ž . :	≥0
NO (EIUNG ≥ 20000	50.4 70.3	53.8 75.2	75.6	54.7 76.3	54.7 76.3	54.7 76.3	54.7 76.3	54.7 76.3		54.9 76.6		-	_ •	54.9 76.6		
≥ 18000 ≥ 15000	70.6 71.8	75.6	76.0	76.8 78.1	76 • 8 78 • 1	76.8 78.1	76.8 78.1	76.8 78.1	76.8 78.1	77.0 78.3	77.0	77.0				77.0 78.3
≥ 14000 ≥ 12000	72.9 75.7	78 · 1 81 · 2	78.5 81.6	79.2 82.4	79.2 82.4	79.2 82.4	79.2 82.4	79.2 82.4	79.Z 82.4		79.5 82.6	79.5 82.6	79.5 82.6			
≥ 10000 ≥ 9000	77.7 78.7	83.7	84.2 85.2	84.9 85.9	84.9 85.9	84.9 85.9	84.9	84.9 85.9	84.9 85.9			85.2 86.1	85.2 86.1	–	85.2	85•2 86•1
≥ 8000 ≥ 7000	79.2 80.3	85.3	85.8	86.6	86.6	86.6	86.6	87.7	86.4	88.0	86.8	88.0	86.8	88.0	- 1	
≥ 6000 ≥ 5000	81.0	87.4	88.0	90.1	88.7 90.1	90.1	96.1	88.7 90.1	90.1	90.3		90.3	88.9 90.3	90.3	90.3	90.3
≥ 4500 ≥ 4000	82.6 82.9	90.2	90.3	91.1	91.1	91.1 91.5	91.1	91.1 91.5	91.1 91.5	91.7	91.3	91.3	91.3 91.7	91.7	91.7	91.7
≥ 3500 ≥ 3000	83.4	91.0	91.6	93.5	93.5	93.5	92.4	92.4	92.4	93.8	92.6	93.8	92.6	93.8	93.8	93.8
≥ 2500 ≥ 2500	85.5	93.3	94.0	94.7	96.1	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	96.3		96.3
≥ 1800 ≥ 1500	87.2 87.6 88.8	95.3 96.2	95.9 96.9	96.7 97.6	96.7	96.7	96.7	96.7	96.7	96.9 97.8	96.9 97.8 99.7		96.9 97.8	97.8	96.9	97.8
≥ 1200	88.8	97.8	98.5	99.4	99.4	99.4	99.5	99.5	99.5 99.5	99.7	99.7	99.7	99.7	99.7 99.7	99.7 99.7	99.7
≥ 900 ≥ 800 > 700	88.8	98.1	98.7	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	88.8	98.1	98.7	99.6	99.6	99.6	99.8	99.8		100.0	00.0	1	100.0	100.0	100,0	100.0
≥ 500 ≥ 400 ≥ 300	88.8	98.1	98.7	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100-0	100-0	100.0	100.0	100,0	100.0
≥ 200	88.6	98.1	98.7	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100,0	100-0
≥ 100 ≥ 0	88.6	98.1	98.7		99.6	99.6	99.8			100-0						

TOTAL NUMBER OF OBSERVATIONS.

930

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CEILING VERSUS VISIBILITY

12868 KSC SHITTLE APT FL
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CERING							¥151E	31, 17 514	31,78 WOF	5						
F# E *	≥10	≥ 6	≥ 5	≥ 4	≥:	≥2.	2 ·	١ ا ج	≥1.	2 .	≥ 4	٠	<u> </u>	25 10	2.	≥;
NO 15101		75.9		50.6 77.1	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8 77.2	50.8	50.8 77.2	50.8
≥ 1F0XY	72.99			77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
₹ 1500v		76.8		78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	74.6	78.5	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 12000	78.1	82.3	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83,5	83.5
≥ '2000		85.5	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 9000	0.4.0		87.5		87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
> 8000			88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89-1	89.1	89.1	89.1	89.1
≥ 7000	02.0		89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 5000	1		89.8	90.1	90.2	90.2	90.4	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
	0303	89.4		90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4500 ± 4000	1	90.1 91.4	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
> 3500	0707	92.0		94.2	94.1	92.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	92.9
2 300		94.7	95.8	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2500		95.	96.0	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000		96.6		98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.a
≥ 1800	- +	97.1	98.3	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1500	89.5	97.1	98.3	99.1	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 1200	89.5	97.1	98.3	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 1000	89.5	97.1	98.3	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99,9	99.9
≥ 900	89.5	97.1	98.3	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 800		97.1	98.3	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 700		97.1	98.3	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9		
≥ 600	9704	97.2	98.4	99.4	99.6	99.0	99.8	99.8	99.8	99.8	99.8			100 · Q1		
≥ 500		97.2		99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8			100 · G1		. • •
2 400	0702	97.2	98.4	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8			00.g		
≥ 300		97.2	98.4	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8			00 · 01		
	1	97.2	98.4	99.2	99.4	99.6	99.8	99.8	99.4	99.8	99.8			100-0		
≥ 100 ≥ 0	1 " "	97.2	98.4	99.2	99.6	- 7	99.8	99.5	99.8	99.8	99.8			00 · di		
	89.5	97.2	98.4	99.2	99.6	99.6	99.4	99.8	99.8	99.8	77.8	AA . 8	100.d	100-01	100 · d	100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 101.04 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

2

CEILING VERSUS VISIBILIT'

12808 KSC SHITTLE APT FL

70-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS;

1500-170

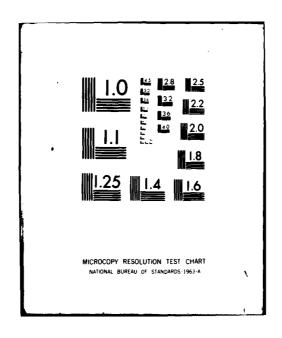
(EIUN)							. 5!	Brt 1+ - 514	t wife	5						
f E € "	≥:0	≥ 6	≥ 5	2.4	23	20	<u>-</u>	3,	2	2	2 4	2 .	2 .	≥ 5 .	2.	≥∴
NO CERNO	43.2	46.7	47.7	48.1	48.1	48.1	4.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.
≥ 20000	72.5	76.8	77.8	78.2	78.2	78.2	70.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78 •
≥ :800€	72.5	76.8	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.
≥ '5000	72.9	77.3	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.
≥ :4000	74.1	78.5	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.
≥ 1200€	76.2	81.3	82.5	82.8			82.8			82.8					82.8	
≥ 10000	79.1	85.5	86.7	87.d	87.0	87.0	87.0								87.0	87.
≥ 9000	80.6	88.2	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.
≥ 8000	81.1	88.7	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.
≥ 7000	81.3	88.9	90.1	90.4	90.4	90.4	96.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90 .
0000	81.4						90.9									
± 5000	81.9	90.4	91.0	92.2												
≥ 45(iù	83.0						93.9		93.9					93.9		
≥ 4000	83.3		93.9				94.3							94.3		
≥ 3500	84.2		94.9		95.4					95.5				95.5	95.5	95.
≥ 300G	85.1	94.3	96.d	- 1			96.7									
≥ 2500	85.5	95.2			97.5	97.5		97.8		98.0				98.0		
≥ 2000	86.0		98.0		-		99.1							99.5		
≥ 1800	86.0	+	98.0		98.8	98.8								99.6		
≥ 1500	86.0		98.1				99.4							99.7		
≥ 1200	86.1	96.3	98.3	98.9	99.1	99.1		99.6						99.9		
≥ 1000	86.1	96.3	98.3		99.1	99.1								99.9		
2 900	86.1	96.3	98.3		99.1	99.1			99.6		99.9	99.9	99.9	99.9	99.9	99.
≥ 800	86.1	96.3	98.3	1	99.1	99.1	99.6		99.6			99.9	99.9		99.9	
	86.1	96.3	98.3		99.1	99.1		99.6	99.6			99.9		99.9	99.9	
≥ 600	86.1	96.3	98.3	98.9	99.1	99.1		99.6	99.6	1	99.9			99.9		-
≥ 500	86.1	96.3	98.3		99.1	99.1	99.6	99.6		99.9					99.9	
400	86.1	96.3	98.3	98.9	99.1	99.1		99.6	,			1		99.9		-
≥ 300	86.1	96.3	98.3		99.1	99.1			99.6					99.9		
£ 200	86.1	96.3	98.3		99.1	99.1		99.6	99.6		99.9				99.9	
≥ 100	86.1	96.3	98.3	98.9	99.1	99.1								99.9		
≥ 100	86.1	96.5	98.4	99.d	99.2		99.7							00.01	/	
	00.1	7007	7013	77.4 <u>u</u>	/ 4	1700	/701	774	7701	- 00 00		- U - U		VUI	VV 1 V	- 00

TOTAL NUMBER OF OBSERVATIONS

___9

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A081 403 UNCLASSIFIED 3 - **5**



2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL

70-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILIN")							VIS	BILLITY STA	JU"E MILE	5				· · · · · · · · · · · · · · · · · · ·		
FEE!	510	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥7	≥1.	≥1.	≥`	≥.	≥ .	≥ .	≥ 5 16	3	≥c
NO CEILING	42.9	45.8	46.4	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	70.4	75.1	75.5	75.7	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76,2	76.2
≥ 18000	70.7	75.3	75.7	75.9	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
. ≥ 16000	71.2	75.9	76.4	76.6	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.q	77.d	77.0	77.q	77.d
≥ 14000	72.5	77.2	77.7	77.9	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000 .	75.2	80.5	80.9	81.1	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.4	81.6	81.6	81.6	81.6
≥ 10000	79.1	85.5	86.1	86.3	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	66.6	86.8	86.8
≥ 9000	80.7	88.3	88.9	89.1	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.4	89.8
≥ 8000	81.6	89.2	89.8		90.4	90.4	90.4	90.6	90.6	90.4	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	82.2	90.1	90.6		91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 6000	82.8	90.9	91.5	91.7	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 5000	84.1	92.4	93.0	93.2	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93,9	93.9
≥ 4500	85.2	93.7	94.3	94.5	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 4000	85.7	94.5	95.0	95.3	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3500	86.2	95.1	95.7	95.9	96.3	96.3		96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3000	86.7	96.2	96.8		97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.4	97.6	97.6	97.6
≥ 2500	87.1	96.7	97.2	97.5	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	87.3	97.1	97.7	98.1	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99,2	99.2
> 1800	87.3	97.1	97.7	98.1	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	87.3	97.3	98.0	98.3	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99,4	99.6
≥ 1200	87.4	97.5	98.4	98.5	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.4	99.4	99.4
≥ 1000	87.4	97.5	98.2	98.5	99.4	99.4	99.4	99.6	99.6	99.8	99.4	99.5	99.9	99.9	99,9	99.9
≥ 900	87.4	97.5	98.2	98.5	99.4	99.4	99.4	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	87.4	97.5	98.2	98.5	99.4	99.4	99.6	99.6	99.6	99.4	99.6	99.6	99.9	99.9	99,9	99.9
≥ 700	87.4	97.5	98.2	98.5	99.4	99.4	99.4	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600	87.4	97.4	98.3	98.0	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100 • a	100-d	100.d	00.0
≥ 500	87.4	97.6	98.3	98.6	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100 · d	100.a	100. Q	100 · 0
≥ 400	87.4	97.6	98.3	98.4	99,5	99,5	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.a	100. Q	100.0
≥ 300	87.4	97.6	98.3	98.6	99.5	99.9	99.7	99.7	99.7	99.9	99.9	99.9	100 · d	100.0	100.d	00.0
≥ 200	87.4	97.6	98.3	98.4	99.3	99.5	99.7	99.7	99.7	99.9	77.9	99.9	100.0	• : : : :	100. g	100 · d
≥ 100	87.4	97.6	98.3	98.6	99.3	99.5	99.7	99.7	99.7	99.9	99.9	99.9	00.0			00.0
≥ 0	87.4	97.6	98.7	98.4	99.3	99.5	99.7	99.7	99.7	99.9	99.9	99.9	100.d		100.d	100 · a

OTAL NUMBER OF ORSERVATIONS.....

927

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12868

2

KSC SHUTTLE APT FL

70-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							viS	BILITY STA	TUTE MIL	E S						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	22:	≥2	≥1:	214	≥1	≥ .	≥′8	≥ .	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000	54.8 73.4	56.5 75.7	57.1	57.1 76.5	57.2	57.2	57.2 76.7	57.2 76.7	57.2 76.7	57.2 76.7	57.2 76.7	57.2 76.7	57.2 76.7	57.2 76.7	57.2 76.7	57.2 76.7
≥ 18000 ≥ 16000	73.7	76.1 76.3	76.7 76.9	76.8	77.0	77.0	77.0	77.0	77.0	77.0 77.2	77.0	77.0	77.0	77.0	77.0 77.2	77.0
≥ 14000 ≥ 12000	74.6	77.3	78.0	78.1 80.9	78.3	78.3	78.3 81.1	78.3 81.1	78.3	78.3 81.1	78.3 81.1	78.3	78.3 81.1	78.3	78.3 81.1	78.3 81.1
≥ 10000 ≥ 9000	80.3 82.7	83.8 86.7	84.7	84.8 87.8	85.0 88.0	85.0		85.0 88.0	85.0 88.0	85.0 88.0	85.0 88.0	85.0 88.0	85.0 88.0	85.0		85.0 88.0
≥ 8000 ≥ 7000	84.1 84.5	88.9	90.0	90.1 90.4	90.3	90.3	90.3	90.3 90.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3 90.6	90.6
≥ 6000 ≥ 5000	85.1 86.0		91.2	92.4	91.5 92.7	91.5	91.5	91.5	91.5 92.7	91.5 92.7	91.5 92.7	91.5	91.5	91.5	91.5 92.7	91.5
≥ 4500 ≥ 4000	87.8 88.0	94.0	94.3		94.6	94.6	95.4	94.6 95.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	95.4
≥ 3500 ≥ 3000	88.8		96.2	96.3 97.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7 97.7	96.7
≥ 2500 ≥ 2000	90.9	97.6	98.6	98.9	99.d	99.2	99.2	99.0	99.2	99.0	99.0	99.0 99.2	99.0	99.0	99,2	99.2
≥ 1800	91.0	97.6 98.0	98.8	98.9	99.2	99.6	99.6	99.2	99.2	99.2	99.6	99.2 99.6	99.2	99.6	99.2	99.6
≥ 1200 ≥ 1000	91.4	98.1 98.1	99.2	99.4 99.4	99.7 99.7	99.7 99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900 ≥ 800 ≥ 700	91.4 91.4	98.1 98.1	99.2 99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99,9	99,9	99.9
≥ 700 ≥ 600 ≥ 500	91.4	98.1 98.1	99.2	99.4	99.8	99.8	99.9	99.9	79.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	91.4	98.1	99.2	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	79,9	99,9	99.9
≥ 200	91.4	98.1 98.1	99.2	99.4	99.9	99,9	100.0	100-0	100 • q	100.0	100.0	100.0	100-a	100.0		100.Q
≥ 0	91.4	98.1	99.2	99.4	99.9			100.d	100.0	100.0	100.a	100.0	100.0	100.0		

OTAL NUMBER OF OBSERVATIONS

92

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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1984au - 25

2

CEILING VERSUS VISIBILITY

12868	KSC SHITTLE APT FL	70-79	MAY
		PERCENTAGE FREQUENCY OF OCCURRENCE	ALL

(FROM HOURLY OBSERVATIONS)

CEILING		· · · · · · · · ·					VISI	ATZ V"IJIB	TUTE MILE							
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2: '	≥ 2	≥1.	≥1 .	≥1 :	2 4	2	2	≥ 5 16	2.	≥0
NO CEILING	51.4	54.9	55.5		55.0	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 20000	72.2	77.1	77.7	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 18000	72.4	77.3	77.9	78.3	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
- ≥ 160,00	73.2	78.2	78.9	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 14000	74.3	79.4	80.0	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.5	80.6	80.6	80.6	80.6	80.6
≥ 12060	76.8	82.3	82.9	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.7	83.5	83.5	83,5	83.5
≥ 10000	79.3	85.4	86.1	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	80.9	87.4	88.2	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8		88.8	88.4	88.8
≥ 8000	81.7	88.5	89.2	89.0	89.7	89.7	89.8	89.5	89.8	89.5	89.8	89.8	89.8	89.8	87.4	89.9
≥ 7000	82.3	89.2	90.0		90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6				90.6
≥ 6000	82.8	89.8	90.4		91.1	91.1	91.2	91.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 5000	83.7	90.9	91.8		92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4500	84.6	92.1	92.9	93.3	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.4	93.6	93.6	93.6	93.4
≥ 4000	85.2	93.0	93.8	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94,4	94.5
≥ 3500	85.9	93.9	94.8	95.2	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95,3	95.5
≥ 3000	86,7	94.8	95.7	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500	87.3	95.6	96.5	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 2000	87.7	96.3	97.3	97.8	98.1	98.1	98.2	98.2	98.2	98.1	98.3	98.3	98.3	98.3	98.1	98.3
≥ 1800	87.9	96.5	97.5	98.0	98.3	98.3	98.4	98.4	98.4	98.5	98.3	98.5	98.5	98.5	98,5	98.5
≥ 1500	88.1	96.6	97.8	98.3	98.6	98.6	98.5	98.4	98.8	98,9	98.9	98.9	98.9	98.9	98,9	98.9
≥ 1200	88.3	97.2	98.2	98.8	99.1	99.1	99.2	99.2	99.2	99.3	99.3	97.3	99.4	99.4	99.4	99.4
≥ 1000	88.4	97.3	98.3	98.9	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.5	79.5	99,5	99.5
≥ 900	88.4	97.3	98.3	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 800	88,5	97.5	98.5	99.0	99.1	99.3	99.5	99.1	99.5	99.6	99.4	99.4	99.6	99.6	99,6	99.6
≥ 700	88.5	97.5	98.5	99.1	99.4	99.4	99.5	99.5	99.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7
≥ 600	88.5	97.4	98.4	99.1	99.4	99.4	99.6	99.4	99.6	99.7	99.7	99.7	99.7	79.7	99,7	99.8
≥ 500	88.5	97.6	98.4	99.2	99,5	99.5	99.6	99.6	99.4	99.7	99.7	99.7	99.8	99.8	99,8	99.8
≥ 400	88.5	97.1	98.1	99.2	99.6	99.6	99.7	99.7	99.7	99.4	99.8	99.8	99.9	79.9	99,9	99.9
≥ 300	88.3	97.7	98.7	97.3	99.6	99.0	99.4	99.8	99.4	99.1	99.4	99.9	99.9	99.9	99,9	99.9
≥ 200	88.5	97.1	98.7	99.3	99.4	99.6	99.4	99.4	77.8	99.9	99.9	99.9	100-Q	100.d	100,0	100.d
≥ 100	88.3	97.1	98.7	99.3	99.6	99.6	99.4	99.8	99.4	99.9	99.4	99.9	100.0	100.d	100,d	100.Q
≥ 0	88.5	97.7	98.7	99.3	99.2	99.6	99.4	99.8	99.4	99.9	99.4	99.4	100.d	100.0	100.Q	100. a

TAL NUMBER OF OBSERVATIONS 7633

USAF ETAC PULSAF ON 14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBOLETE

3

CEILING VERSUS VISIBILITY

12868

2

KSC SHUTTLE APT FL

09-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CERING							VIS	IBILITY ST	ATUTE MIL	ES						
FEE!	≥10	≥6	≥5	≥ 4	≥3	≥2;	≥2	≥1 ;	≥١.	≥1	≥ 4	2`∗	≥ ;	≥ 5 16	2.	≥0
NO CEILING ≥ 20000	58.8 79.2	59.4	59.4 81.0		59.8 81.3	59.8 81.3	1 1 1 1	59.8 81.3	59.8 81.3	59.8 81.3	59.8 81.3	59.8 81.3			59.8 81.3	
≥ 18000 ≥ 16000	79.4	81.2	81.8	81.7	81.7 82.1	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7 82.1	81.7	81.7 82.1	81.7 82.1
≥ 14000 ≥ 12000	81.4	83.7	83.3	83.7	83.7	83.7	83.7	86.2	83.7	83.7 86.2	83.7	83.7 86.2		83.7	83.7	83.7 86.2
≥ 10000 ≥ 9000	86.6	89.6		90.0	90.0 92.1				90.0 92.1		90.0	90.0	90.0 92.1		90.0 92.1	90.0 92.1
≥ 8000 ≥ 7000	89.8	92.8 93.1	92.9		93.2	93.2	93.2	93.2	93.2	93.2 93.7	93.2	93.2	93.2	93.2	93.2	
≥ 6000 ≥ 5000	90.1	93.2	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8		93.8	93.8	
≥ 4500 ≥ 4000	91.7	95.1	95.3 96.1	95.7 96.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3500 ≥ 3000	92.4	96.0	96.2	96.6		96.6	96.6 96.8	96.6	96 • 6 96 • 8	96.6	96.6	96.6	96.6	96.6	96.6	
≥ 2500 ≥ 2000	92.9	96.6	96.8	97.1	97.2	97.2	97.2	97.2 99.0	97.2	97.2 99.0	97.2	97.2		97.2	97.2	
≥ 1800 ≥ 1500	94.4	98.3	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1 99.7	99.1	99.1	99.1	99.1
≥ 1200 ≥ 1000	94.6	98.8	99.3 99.4	99.7	99.8 99.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900 ≥ 800	94.7 94.7	98.9	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9 99.9	99.9	99,9	99.9
≥ 700 ≥ 600	94.6	99.0	99.4	99.9	100.q 100.q	100.0		100.0	100.0	100.0 100.0	100.0		100.0		100.0 100.0	100.0 100.0
≥ 500 ≥ 400	94.6	99.0	99.6	99.9	100.0 100.0	100.0 100.0	100.0	100.0		100.0	100.0 100.0	100.0		100.0		100.0
≥ 300 ≥ 200	94.4	99.0	99.6	99.9			100.0	100.0		100.0		100.0	100.0	100.0	100,0	100.0
≥ 100 ≥ 0	94.6	99.0	99.4	99.9			100.0					100.0		100.0	100.0 100.0	100-0

OTAL NUMBER OF DESERVATIONS

___90

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12868

2

KSC SHUTTLE APT FL

69-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VISI	BILITY STA	TUTE MILI	ES						
PEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2;	≥ 2	≥1	≥١.	5.	≥ .	≥ '4	≥ .	≥ 5 16	≥.	≥0
NO (EITING ≥ 20000	57.4 74.2	79.6	61. 79.9	61.8 80.0	61.8 80.0	61.8 80.0	61.8 80.0	61.8 80.0	61.8 80.0	80.3	62.1 80.3	62 • 1 80 • 3	62.1 80.3		62.1 80.3	
≥ 18000 ≥ 16000	74.2	79.6	79.9	81.1	80.0	80.0	80.0	80.0	80.0	80.3	80.3 81.4	80.3	80.3 81.4	80.3 81.4	80.3	80-3 81-4
≥ 14000 ≥ 12000	76.9 79.2	84.6	85.1	85.2	82.7 85.2	82.7	82.7	82.7 85.2	82.7	83.0 85.6	83.0 85.6	85.6	85.6	85.6		85.6
≥ 10000 ≥ 9000	82.3	90.6	90.9	89.0 91.0	89.0 91.0	89.0 91.0	89.0 91.0		89.0 91.0	91.3	89.3 91.3	89.3 91.3	91.3	89.3 91.3	89.3 91.3	91.3
≥ 8000 ≥ 7000	84.6 85.2 85.6	91.4 91.9	91.0		91.7 92.3 92.8	91.7	91.7	91.7	91.7	92.0 92.7 93.1	92.7	92.0 92.7 93.1	92.7	92.0 92.7 93.1	92.0 92.7 93.1	92.7
≥ 6000 ≥ 5000 ≥ 4500	86.0	93.6	92. 93.9	94.0	94.0	92.8 94.0 94.8	94.0	92.8 94.0 94.8	92.8 94.0		93.1	94.3	93.1 94.3 95.1	94.3	94,3	93.1 94.3 95.1
≥ 3500	87.2	95.1	95.	95.9	95.9	95.6	94.6		95.9	95.9	95.1 95.9 96.2	95.9	95.9		95.9	95.9
≥ 3000 ≥ 2500	88.1	96.0		96.4	96.4	96.4	96.4	96.4	96.4	96.8	96.6	96.5	96.8	96.8	96,4	96.8
≥ 2000	88.9	97.0	97.0	97.7	97.9	97.9	97.9	97.9	97.9	98.8	98.3	98.8	98.3	98.3	98.3	98.3
≥ 1500	89.2	98.1	98.4	98.7	98.0	98.9	96.9	98.9	98.9	99.3	99.4	99.6	99.3	99.3	99.4	
≥ 1000	89.7	98.6		99.1	99.4	99.4	99.4	99.5	99.6					100.0		
≥ 800 ≥ 700 ≥ 500	89.9	98.6	99.	99.3	99.6	99.6	99.6	99.6	99.6	100.0	100.d	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 500 ≥ 400	89.9 89.9	98.6	99.	99.3	99.6	99.6	99.6	99.6	99.6		100.0	100.0	100.0	100.0	100.d	100.0
≥ 300 ≥ 200	89.9	98.5	99.	99.	97.6	99.6	99.6	99.6	99.4	100.0	100.0	100.0	100-0	100.0	100,0	100.d
≥ 100 ≥ 0	89.9	98.0	99.	99.3	97.4	99.6	99.6	99.6	99.4	100.0	100 · q	100.0	100.0	100.0	100,0	100.d

TOTAL NUMBER OF OBSERVATIONS...

900

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE GREGIETE

CEILING VERSUS VISIBILITY

12868

KSC SHUTTLE APT FL

69-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CELLING							viSII	BILITY STA	TUTE MILE	5						
+881	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥ì∵;	≥1.	≥1	≥ .	≥.,	2	≥5 10	≥ .	≥0
NO CEILING ≥ 20000	44.3 62.8	51.9 73.3	53.7 75.6	54.1 76.2	54.2 76.4	54.2 76.4	54.2 76.4	54.2 76.4	54.2 76.4	54.4 76.7	54.4 76.7	54.4 76.7	54.4 76.7	54.4 76.7	54.4 76.7	54.4 76.7
≥ 18000 ≥ 16000	63.6	74.1	76.4 78.8	77.1	77.3	77.3	77.3	77.3	77.3	77.6	77.6	77.6	77.6	77.6 79.9	77.6	77.6
≥ 14000 ≥ 12000	67.4 70.9	78.3 82.3	80.7	81.3	81.0	81.6 85.6	81.6 85.6	81.6	81.6	81.8	81.8	81.8 85.8	81.8	81.8	81.8	85.8
≥ 10000 ≥ 9000	73.4	85.6	88.0	88.7	90.1	90.1	90.1	90.1	90.1	90.3	90.3	89.1 90.3	90.3	90.3	90.3	90.3
≥ 8000 ≥ 7000 ≥ 6000	75.0 75.8 76.1	87.7 88.6	90.3 91.2 91.7	91.0 91.9 92.3	91.2 92.1 92.6	91.2 92.1 92.6	91.2	91.2	91.2 92.1 92.6	91.4 92.3 92.8	91.4 92.3 92.8	91.4 92.3 92.8	91.4 92.3 92.8	91.4 92.3 92.8	91.4 92.3 92.8	91.4 92.3 92.8
≥ 5000 ≥ 4500	76.3	89.6	92.2	92.9	93.7	93.1	92.6 93.1 93.7	92.6 93.1 93.7	93.7	93.3	93.9	93.3	93.9	93.3	93.3	93.3
≥ 4000 ≥ 3500	77.1	90.9	93.4	94.2	94.4	94.3	94.4	94.4	94.4	94.6	94.6	94.7	94.6	94.6	94.6	94.6
≥ 3000 ≥ 2500	77.7	91.4	94.1	94.8	95.0	95.2	95.0	95.2	95.2	95.4	95.4	95.2	95.2	95.2	95.2	95.2
≥ 2000	78.3 78.6	92.9	95.7	96.6	96.9	96.9	96.9	96.9	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 1500 ≥ 1200 ≥ 1000	78.8	93.7	96.4	97.4	97.8	97.4	97.9	97.9	97.9	98.1	98.1	97.8	98.2	98.2	98.3	98.3
≥ 1000 ≥ 900 ≥ 800	78.8 78.8 78.8	94.2	97.0	97.4	98.0	98.0 98.1 98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.7	98.7
≥ 700 ≥ 600	78.6	94.3	97.0	97.9	98.2	98.2	98.3	98.3	98.3	78.6	98.6	98.6	78.7	98.7	98.8	98.8
	79.0	94.8	97.7	98.4	98.9	98.9	99.0	99.0	99.0 99.2	99.2	99.2	99.2	99.4	99.4	99.6	99.0
≥ 300 ≥ 200	79.0	94.8	97.7	98.6	99.0	99.0	99.1	99.3	99.3	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 100 ≥ 0	79.0	94.8	97.7	98.6	99.0	99.0	99.1	99.3	99.3	99.6	99.6	99.6	79.8		100.0	

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORIGINETE

CEILING VERSUS VISIBILITY

2

KSC SHUTTLE APT FL

69-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEIUNG			····				vi51	BILITY STA	NTUTE MILE	\$						
' HET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	2.2	≥1.	۲ ر≷	≥1	≥ .	≥ .	≥.	≥5 ;6	≥.	≥0
NO CEIUNG	44.3	51.9	53.7		54.2	54.2	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4
27700	62.8	73.3	75.0		76.4	76.4	76.4	76.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	63.6	74.1	76.4	77.1	77.3	77.3	77.3	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 16000	65.7	76.4	78.8	79.4	79.7	79.7	79.7	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79,9	79.9
≥ 14000	67.4	78.3	80.7	81.3	81.6	81.6	81.6	81.6	81.6	81.8	81.8	81.4	81.8	81.8	81.8	81.8
≥ 12000	70.9	82.3	84.7	85.3	85.6	85,6	85.4	85.6	85.6	85,8	85.8	85.8	85,8	85.6	85.8	85.8
≥ 100000	73.4	85.6	88.0	88.7	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	74.4	86.7	89.2	89.9	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 8000	75.0	87.7	90.3	91.0	91.2	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 7000	75.8	88.6	91.2	91.9	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 6000	76.1	89.0	91.7	92.3	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
: ≥ 5000	76,3	89.6	92.2	92.9	93.1	93.1	94.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4500	76.8	90.1	92.8		93.7	93.7	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000	77.1	90.8	93.4	94.1	94.3	94.3	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3500	77.2	90.9	93.6		94.4	94.4	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	77.7	91.4	94.1	94.8	95.d	95.0	95.d	95.0	95.d	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	77.7	91.7	94.3	95.0	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	78.3	92.9	95.7	96.3	96.6	96.6	96.4	96.6	96.4	96.8	96.8	96.8	96.9	94.0	96.9	96.9
≥ 1800	78.6	93.1	95.9		96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97 2	99.2
≥ 1500	78.7	93.7	96.4	97.1	97.4	97.4	97.5	97.6	97.4	97.8	97.8		6- 6	97.9	07.0	27.5
	78.8	94.0	96.	97.4	77, 1	97.8			67 8		98.1	98.1	90.3	90.3	98.3	7/
≥ 1200 ≥ 1000		- 1 - 4	1	1 1 1	71.0		97.9	97.9	7/07	78.1		40.1	70.4	70.2	70.3	70.3
	78.8	94.1	96.9	97.7	98.0	98.0	98.1	98.1	7004	98.3	98.3	70.3	70.7	70.9	- 22. 9	77.9
≥ 900 ≥ 800	78.4	79.4	97.0	1273	70.1	98.1	98.2	98.2	70.2	98.4	98.4	98.4	75.0	75.0	75.1	32.7
	78.4	79.4	97.0	97.8	70.1	98.1	78.4	98.2	98.2	78.9	98.4	98.4	98.6	75.9	98,7	78.1
≥ 700	78.4	74.3	97.1	77.4	78.2	49.5	48.3	96.3	78.3	75.0	75.6	98.6	78.7	78.7	75.9	75.5
≥ 600	79.0	94.6	97.3	98.1	78.4	98.4	78.4	98.4	78.6	78.5	78.5	78.0	78.7	75.7	97,0	77.0
≥ 500	79.0	94.9	97.7	95.4	78.9	78.7	99.0	99.Q	77.0	79.Z	99.2	77.2	77.4	77.4	77.6	77.0
≥ 400	79.0	94.8	97.7	98.4	99.0	99.q	99.1	99.2	79.2	79.4	99.4	99.4	79.7	77.7	77,8	77.5
≥ 300	79.0	94.5	97.7	98.6	99.d	99.0	99.1	99.3	99.3	79.6	99.6	99.6	79.8	99.8	100.0	100 · q
≥ 200	79.0	94.8	97.7	96.6	99.d	99.Q	99.1	99.3	99.1	99.6	99.6	99.6	77.0	99.0	100.a	100-0
≥ 100	79.d	94.8	97.7	98.6	99.g	99.0	99.1	99.2	99.3	99.6	99.6	99.6	99.8	99.8	100.0	100 · a
≥ 0	79.0	94.8	97.1	98.6	99.0	99.0	99.1	99.3	99.3	99.6	99.4	99.6	99.8	99.8	100.Q	100 · a

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBIGUETE

CEILING VERSUS VISIBILITY

12868 KSC SHITTLE APT FL

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69-78

0900-1100 "YN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES CEILING ≥ 2 | ≥1 , | ≥1 | ≥ 4 | ≥ 4 | 47.6 51.9 70.3 75.8 52.4 52.4 76.3 76.3 NO CEILING ≥ 20000 76.9 77.4 77.4 77.4 77.4 ≥ 16000 77.9 78.0 81.6 ≥ 12000 78.3 84.4 ≥ 10000 ≥ 9000 87. 82.1 89.1 82.4 89. 89.1 ≥ 8000 82.7 89.9 ≥ 6000 ≥ 5000 82.8 90.2 83.8 91.6 ≥ 4500 84.2 92.2 92. **± 4000** 84.4 92.4 3500 84.9 93.1 93.7 94.1 85.3 93. ± 2500 ≥ 2900 87.9 97.1 ≥ 1800 ≥ 1500 88.3 97.6 88.4 98.1 98.3 88.9 ≥ 1200 ≥ 1000 88.9 98.3 89.0 98. 900 89.0 98.4 89.0 98. 700 89.0 98.4 89.0 98. 400 69.0 98.4 89.0 98.4 300 89.0 98.4 97. 89.0 98.4

TOTAL NUMBER OF OBSERVATIONS....

900

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH

USAFFTAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 KSC SHITTLE APT FL

69-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

/ FILING							VISI	BILITY STA	JUTE MILE	5						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2;	≥2	≥1	214	≥: !	≥ '4	≥~,	≥ .	≥ 5 16 ₁	2.	≥0
NO CEILING	45.1	47.7	47.7	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 20000	70.0	74.8	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ '8000	70.6	75.3	75.4	76.0	76.0	76.0	76.0	76.0	76.d	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 16000	71.4	76.2	76.3	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 1400C	74.6	87.4	80.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 12000	77.1	83.4	83.7	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 10000	79.1	85.8	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	80.7	87.4	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 8000	81.1	88.3	88.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 7000	81.3	88.6	89.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.4	89.6	89.6	89.6	89.6	89.6
≥ 6000	81.7	89.0	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 5000	82.6	90.1	90.7	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	82.8	90.4	91.1	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4000	83.0	90.9	91.6	92.2	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3500	83.6	91.9	92.6	93.2	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3000	84.8	93.7	94.4	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
> 2500	85.8	94.8	95.6	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	86.9	96.8		98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	87.1	97.2	98.2	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	87.2	97.7	98.7	99.4	99.4	99.4	99.8	99.8	79.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	87.2	97.7	98.7	99.4	99.4	99.4	99.8	99.8	99.1	99.8	99.8	99.8	99.8	99.8	99.8	
≥ 1000	87.2	97.7	98.7	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	87.2	97.1	96.7	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	87.4	97.9	98.9	99.7	99.7		100.0		100-0		100.0	100.0	100.0	100.0	100.0	
≥ 700	87.4	97.9	98.9	99.7	99.7		100.0					100.0				
≥ 600	87.4	97.9	98.9	99.7	99.7		100.0									
≥ 500	87.4	97.9	98.9	99.7	99.7		100.d									
≥ 400	87.4	97.9	98.4	99.7	99.7		100.0		7.					• : : 1.	1.	
≥ 300	87.4	97.4	98.4	99.1	99.7		100.d							100.0		
≥ 200	87.4	67.0	98.9	66.7	66.4		100.0							• · · · · · · · · · · · · · · · · · · ·	واحاث ماء	أند ت
	87.4	97.9		60.4	00.		100.d									
≥ 100 ≥ 0		97.4	1 -1-1	00.7	20											1
	87.4	7/07	98.7	7701	7701	7701	100.d	LUV.Q	100.0	TANAA.	100.0	TOOO	1 A A A	- VV) Q	LVV.Q	100 • U

TOTAL NUMBER OF OBSERVATIONS_

900

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

KSC SHITTLE APT FL

69-76

<u> วัก</u>ผ

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CELLING							visi	BIGITY STA	ATUTE MILI	F S						,
FEET	≥10	20	≥5	<u>></u> 1	≥ 3	≥2	≥ 7	≥1.	≥1.	≥1	≥ .	≥ ,	· .	25 16		2.7
NO CEILING	39.4	41.0	41.4	41.3	41.3	41.3	41.3		41.3	1	41.3	41.3	41.3		41.3	41.3
≥ 20000	66.1	71.2	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.4	71.6	71.6	71.4	71.6	71.6
≥ ,8906	66.6	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 15000	67.9	73.3	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 14000	69.7	76.6	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.d	77.q	77.0	77.Q	77.Q	77.0	77.0
≥ 12000	71.9	79.4	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.d	80.d	80.0	80.Q	80.Q	80.d	80.0
≥ 1000€	74.7	84.8	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 0000	76.4	87.7	88.1	88.2	88.3	89.3	88.3	88.3	88.3		E.88	88.3	68.3	88.3	88.3	88.3
≥ 8000	76.6	89.3	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
2000	76.8	89.7	90.1	90.2	90.3	90.3	90.3	90.3	90.3		90.3	90.3	90.3	90.3	90.3	90.3
≥ 6000	77.4	90.7	91.1	91.2	91.4	91.4	91.4	91.4	91.4		91.4	91.4	91.4	91.4	91.4	
≥ 500C	78.3	92.3	92.8	93.0	93.2	93.2	93.2	93.2	93.2		93.2	93.2	93.2	93.2	93.2	
≥ 4500	78.6		93.3	93.0	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
£ 4000	78.8		93.8	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500	78.9	93.9	94.3	94.6	95.0	95.0	95.0		95.0		95.0	95.0	95.0	95.0	95.0	
2 3000	79.7	94.9	95.3	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	80.1	95.7	96.1	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
≥ 2000	81.0	- 1	97.9	98.4	99.0	99 d	99.0		99.d	99.d	99.d	99.d	99.d	99.d	99.0	
	81.1	97.6	98.1	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
≥ +800 ≥ +500	81.1	97.8	98.4	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
				99.0	99.8	99.8	99.8	99.8	99.1	99.8	99.8	99.8	99.	99.8	99.	99.8
≥ 1200 ≥ 1000	81.1	97.6	98.4		99.8	99.8	7		• • • •	_ :			99.4	99.6	. • -	
	81.1	97.8	98.4				99.5	99.8	99.4	99.8	99.4	99.5			99,8	į
≥ 900 ! ≥ 800 I	81.1	97.8	98.4	99.0	99.8	99.8	99.	99.8	99.4	99.8	99.8	99.8	99.8	99.8	99.5	99.8
	81.1	97.8	98.4	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99,9	
≥ 700	81.1	97.6	98.4	99.0	99.8	99.	99.9	99.9	77.7	99.9	99.9	99.9	79.9	99.9	99.9	
≥ 600	81.1	97.0	98.4	99.0	99.8	99.8	99.	99.9	99.9	99.9	99.9	99.9	99.9	77.7	99,9	
≥ 500	81.1	97.6	98.4	99.0	99.8	99.6	99.9	99.9	99.9	99.4	77.9	99.9	79.7	79.9		100-0
≥ 400	81.1	97.0	98.4	99.0	99.8	99.5	99.9	99.9	99.9	99.9	99.9	99.9	79.9	77.9		100-0
≥ 300	81.1	97.4	98.4	99.0	99.4	99.4	99.9	99.9	99.9	99.4	79.9	99.9	79.9	79.9		100-0
≥ 200	81.1	97.	98.4	99.0	99.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		100-0
≥ 100	81.1	97.8	98.4	99.0	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	77.9	99.	100-0
≥ 0 j	81.1	97.6	98.4	99.0	99.8	99.5	99.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100-0

TOTAL NUMBER OF OBSERVATIONS...

900

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

2

CEILING VERSUS VISIBILITY

1286R KSC SHUTTLE APT FL

5**9-7**8

770M

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS:

1800-2000

LEILING							- :516	State Sta	TUTE MILE	4						i
+56-	≥10	≥ 6	≥ 4	≥ 4	; د ≤	22:	≥?	اخ.	≥:.	-	<u> </u>	٤٠	2	≥5 '6	<u> </u>	≥0
NO CEILING 20000	32.0 62.9	33.9	34.0 67.1	34.0 67.1	34.0 67.1	34.0 67.1	34.0	34.0	34.0	34.0 67.1		34.0 67.1	34.0 67.1		34.0 67.1	34.0 67.1
≥ 18006 ≥ 16006	63.1	67.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3		67.3		67.3
≥ 14000 ≥ 12000	67.4 72.1	77.6	72.7 78.7	72.7 78.7	72.7 78.7	72.7	72.7 78.7	72.7 78.7	72.7	72.7 78.7	72.7	72.7	72.7	72.7		72.7 78.7
≥ 9000 ≤	76.7	85.0	85.2 89.2			85.2	89.2	89.2		89.2	89.2		89.2	89.2		89.2
≥ 8000 ≥ 7000	79.9 80.4	90.3	90.6	91.3	90.6	91.3	91.3	91.3	91.3	90.6	91.3	91.3	91.3		91,3	91.3
≥ 6000 ≥ 5000 ≥ 4500	80.4 80.9	91.1	91.6		91.6 92.7 92.8		91.4	92.7	91.6 92.7 92.8	92.7		92.7	92.7		92,7	91.6
≥ 4000 ≥ 3500	81.0	92.6 92.6	92.7 93.1 93.9	93.3	93.3	92.8 93.3 94.2	92.8 93.3	92.8 93.3 94.2	93.3	92.8 93.3 94.2	93.3	92.8 93.3 94.2	92.8 93.3 94.3	93.3	93,3	92.8
≥ 3000 ≥ 2500	81.7	94.7	95.4	95.8	95.8	95.8		95.8		95.8			95.9		95.9	95.9
≥ 2006 ≥ 1800	83.2	97.4	98.6 98.6	98.9	98.9	98.9			98.9	98.9	98.9	98.9	99.0	99.0		99.0
≥ 1500	83.3	97.6	98.7	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.8	99.6		99.6
≥ 1000	83.4	97.8	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.7	99.7 99.7	99.7	99.9	99.9	99.9	99.9
≥ 800 ≥ 700 ≥ 600	83.4	97.8	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	_ * * 11	99.9	99.9	
≥ 500 ≥ 400	83.4	97.6 97.6	98.9 98.9 98.9	99.3	99.4	99.6	99.6 99.6	99.6	99.6 99.6	99.7 99.7	99.7 99.7 99.8		• • • •	99.9		99.9
≥ 300 ≥ 200	83.4	97.6	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	00.0	100.0	100.0 100.0	100.0
≥ 100 ≥ 0	83.4	97.8 97.8	98.9	99.3	99.6		99.7	99.7	99.7	99.8	99.8	99.8	00.0	00.0	100.0 100.0	00.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CEILING VERSUS VISIBILITY

KSC SHUTTLE APT FL

ु**9−7**8

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

<u> 101;</u> 2100-2300

NC CERTAL 4 £ 270006 7 ≥ 18000 7 ≥ 18000 7 ≥ 14000 7 ≥ 12000 7	10 10.1 10.4 12.1	≥6 45.1 72.2 72.6 74.2	72.0	72.3		45.2 72.3	2: 45•2	≥` 	21	<u>></u> 1	2	≥ .	2	25 °c	≥ .	20
≥ 18000 7 ≥ 18000 7 ≥ 18000 7 ≥ 12000 7 ≥ 10000 8	0.1	72.8 72.6 74.2	72.0	72.3	72.3		45.2									
≥ 18900 7 ≥ 16000 7 ≥ 14000 7 ≥ 12000 7	2.1	72.6	72.0	72.7		72.3		45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 14000 7 ≥ 14000 7 ≥ 12000 7	2.1	74.2			72.7		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 14000	14.4		74.3		12.1	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 12000 : 7	,	77 4		74.3			74.3		74.3						74.3	74.3
2 10000 8	40 41	76.7	76.8	76.9			76.9		76.9						76.9	76.9
	0.7	81.8	81.9		82.0		82.0	82.0	82.Q		82.Q	82.0	82.0		B2.0	82.0
	32.9	87.1	87.2		87.3		87.3	87.3		87.3	87.3		87.3	:	87.3	87.3
	15.1	89.7			89.9	89.9		89.9		89.9	89.9	89.9		89.9	89,9	89.9
	17.3	92.6		92.8		92.8	92.8		92.8		92.8		92.8	92.8	92.8	
	18.1	93.3			93.6		93.6									
	18.4	94.0	- 7	94.2		94.7	94.2		94.2					94.2		
harman and the same of the sam	8.8	94.6		94.8		94.8								94.8		
	19.2	95.2		95.4	95.4	95.4	95.4	95.4	. 1	95.4		- 1	_ 1	95.4		- !
	19.4	95.6		95.8		95.8								95.8		
	19.9	96.1	96.2	96.3	96.3	96.3	96.3	96.3				96.3		96.3		
	0.2	96.6		96.8		96.8	96.8		96.8					96.8		
	1.0	97.9		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1		
	11.9	99.	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
	1.9	99.2		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	11.9	99.2		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	2.1	99.6		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	I	99.8	99.8	99.8	
·	2.1	99.6		99.8			99.8				99.8			99.8		
_	2.1	99.6		99.6	7	99.8	1	- ;		- 1		- 1	99.8	99.8		1
	2.1	99.6		99.1		99.8										
	2.2	99.7				100.0										
.	12.2	99.7				100.0										
	2,2	99.7				100.0										
	2.2	99.7				100.0										
	72.2	99.7	- 1	-	. 7	100.0	1									
1 1 1	2.2	99.7				100.0										
	72.2	99.7				100.0										
2 9 9	2.2	99.7	99.9	100.0	100.q	100.0	100.0	100-0	100-Q	100.0	100 - q	Loo-q	100.0	100-d1	100.q	100.0

TOTAL NUMBER OF OBSERVATIONS_

900

USAF ETAC 1.084 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

2

GLOBAL CLIMATOLOGY BRANCH USAFITAL AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1,868 KSC SHUTTLE APT FL 59-78

F OCCURRENCE ___

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

VISIBILITY STATUTE MILES 그는 얼마를 걸어 걸다 걸다 걸다 걸다. 2 :670 ≥ 14000 2 :2000 2 10000 ≥ 8000 82.4 90.7 91.3 91.4 91.7 91.7 91.7 91.7 91.8 91.8 91.8 91.8 91.8 91.8 91.8 5000 0000 ≥ 4000 ± 3500 ≥ 3000 ≥ 2500 ≥ -2000 . ≥ 1800 ≥ 1500 900 ≥ ≥ 700 ≥ 600 ₹ 500 ≥ 460 ≥ 300 ≥ 200 87. 100 87.1

TOTAL NUMBER OF OBSERVATIONS

7200

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CEILING VERSUS VISIBILITY

1286R KSC SHUTTLE APT FL

69-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							¥15	BISITY STA	ATUTE MILE	5						
i FEET †	≥10	≥6	≥ 5	≥4	≥3	≥2.	≥2	≥ :	≥1	اخ	2 4	≥ .	<u> </u>	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	65.4	86.1	66.1 86.1	66.1 86.1	66.1 86.1	66.1 86.1	66.1 86.2	86.2	86.2	66.1 86.2	66.1 86.2	66.1				
≥ 18000 ≥ 18000	84.7	86.1 87.4	86.1 87.4	86.1 87.4	86.1 87.4	86.1 87.4	86.2 87.5	86.2 87.5	86.2	86.2	86.2 87.5	86 • 2 87 • 5	86.2	86.2 87.5	86.2 87,5	
≥ 14000 ≥ 12000	88.6 92.0	90.0 93.9	93.9	93.9	93.9	93.9	94.0	90.1	90.1	90.1	90.1 94.0	90.1		94.0		
≥ 9000	94.1	96 • 1 97 • 1	96.1	96.1 97.1	97.7	96.1	96.2	96.2 97.8	96.2 97.8	96.2	96.2		97.8	97.8	97.8	96.2
≥ 8000 ≥ 7000	95.7	98.0	98.0 98.1	98.1	98.	98.1	98.2	98.2	98.1	98.1 98.2	98.2	98.2		98.1	98.1 98.2	
≥ 5000 ≥ 5000	96.2 96.5	98.5 98.5	98.1 98.1	98.1 98.1	98.7	98.7	98.8	98.8	98.8	98.6	98.6 98.8	98.8	98.6 98.8	98.8		98.6
2 4500 2 4000 2 3500	96.1	99.0				98.9		99.1	99.0 99.1	99.0 99.1	99.0 99.1	99.0 99.1	99.1	99.1	99.0 99.1	99.0 99.1
≥ 3000	96.8	99.1	9 9 .	99.	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
≥ 2000	97.2	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0
≥ 1500	97.2	99.8				99,9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.a	100.0	100.0
≥ 1000	97.2	99.6	99.9		99.9	99.9	100.0									
≥ 800	97.2		99.9	99.9	99.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.2	99.1	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400 ≥ 300 ≥ 200	97.2	99.5	99.9		99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ '00' ≥ '00'	97.2 97.2 97.2	99.6	99.9	99.9		99.9	100.0 100.0 100.0	100.0	100.0	100.0	100.d	100.0	100.0	100.0	100.0	100.0

USAF ETAC 101 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

2

CEILING VERSUS VISIBILITY

12868 KSC SHITTLE APT FL

<u>09-78</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING	!						v (Si	BILITY ST	ATU"E MILE	E\$						
FEET	≥10	26	≥ 5	. ≥4	≥ 3	22:	2.2	≥1	≥١,	≥1	≥ '.	≥ ' .	2 :	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	71.4 85.4	73.0	73.0			73.0 87.8	73.0	73.0		73.0 87.8	73.0	73.0		73.0 87.8	73.0	73.0
≥ 18000 ≥ 16000	85.4 86.5	3	87.8	87.8	87.8	87.8	87.8	87.8		87.8		87.8	87.8	87.8	87.8	87.8
≥ 14000 ≥ 12000	88.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 10000 ≥ 9000	93.9	96.5	96.5)	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
≥ 8000 ≥ 7000	95.1 95.1	97.6	97.6			97.6	97.6	97.6	97.6	97.6	97.6		97.6	97.6		97.6
≥ 6000 ≥ 5000	95.5 95.8	98.1	98.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500 ≥ 4000	95.8 96.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500 ≥ 3000	96.5	99.1	99.4	99.1 99.4	99.1	99.1	99.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2500 ≥ 2000	96.7 96.9	99.5	99.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800 ≥ 1500	96.9	99.7	99.7	99.1 99.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200 ≥ 1000	96.9	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900 ≥ 800	96.9 96.9	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700 ≥ 600	97.0 97.0	99.9	1:13		100.0											
≥ 500 ≥ 400	97.0 97.0	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.01	00.0	00.0
≥ 300 ≥ 200	97.q 97.q	99.9	99.9	100.0	100.0	100.0	100. 0	100•0 100•0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0
≥ 100 ≥ 0	97.q 97.q	99.9	99.9	100.0	100.0	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.01	00.0	100.0

TOTAL NUMBER OF OSSERVATIONS

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL

69-78 YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							¥7\$1	BILITY STA	TUTE MILE	: S						
FEET :	≥10	≥ 6	≥ 5	≥ 4	≥3	≥2:	≥:	≥1.	≥1.	≥1 ;	٠ ٤	≥ .	2	≥ 5 16	١. ١	≥0
NO CEIUNG ≥ 20000	55.4 77.0	58.6 82.3	59.1 82.8	59.4 83.2		59.6 83.4		59.7 83.7	59.7 83.7	59.7 83.7	59.7 83.7	59.7 83.7	59.7 83.7	59.7 83.7	59.7 83.7	59.7 83.7
≥ 18000 ≥ 15000	77.3	82.6 84.1	83.1 84.6	83.1 85.1	83.5 85.1	83.8	93.9 85.4	84.0 85.5	84.0	84.0 85.5	84.0	84.0 85.5	84.0	84.0	84.0 85.5	84.0 85.5
≥ 14000 ≥ 12000	82.0 85.1	90.9	91.4	91.8	91.9	88.9 92.2	92.6	89.4 92.7	89.4 92.7	89.4 92.7	89.4 92.7	89.4	92.7	92.7	92.7	89.4 92.7
≥ 90000 ≥ 9000	87.7 88.2	93.	94.7	95.2	95.3	94.9	96.0	95.6	95.6 96.1	96.1	95.0	95.6 96.1	96.1	95.6	95.6	96.1
≥ 8000 ≥ 7000	88.5	94.6	95.	95.0 95.1	95.9	95.9	96.7	96.6 96.6	96.6	96.8	96.4	96.6	96.8	96.6	96.6	96.8
≥ 6000 ≥ 5000	88.6	94.9	95. 95.	95.6	96.2	96.2	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4500 ± 4000	88.9 89.1	95.2	96.1	96.8	97.0	96.7 97.2	97.7	97.8	97.3 97.8 98.1	97.8	97.8	97.8	97.8	97.8 97.8	97.8	97.8
≥ 3500	89.2	95.6 95.1 95.8	96.2 96.2	97.1 97.1	97.3	97.5	98.0	98.1 98.2 98.3	98.3	98.2 98.3 98.4	98.2 98.3 98.4	98.2 98.3	98.2 98.3 98.4	98.3	98.2 98.3 98.4	98.3
≥ 2500 ≥ 2000 ≥ 1800	90.0	96.6	97.2	98.0	98.2	98.4	98.2 98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	98.4
≥ 1500 ≥ 1200	90.2	96.9	97.5	98.5	98.7	98.9	99.5	99.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2 1000 2 900	90.3	97.0	97.6	98.6	98.8	99.0	99.6	99.7	99.7	99.8	99.6	99.8	99.8	99.8	99.4	99.8
≥ 800 ≥ 700	90.4	97.1	97.1	98.1	98.9	99.1	99.1	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600 ≥ 500	90.5	97.2	97.6	98.8	99.0	99.2	99.8	99.9	99.9	100-0	100.q	100 · q	100.q	100.0	100.0	100.0
≥ 400 ≥ 300	90.5	97.2	97.6	98.6	99.0	99.2	99.5	99.9	99.9	100.0	100.0	100.9	100.0	100.0	100,0	100.0
≥ 200 ≥ 100	90.5	97.2	97.6	98.8	99.0	99.2	99.5	99.9						100.0		
≥ 0	90.5	97,2	97.5	78.6	99.0	99.2	99.8	99.9	99.9	100.d	100.d	100-a	100.d	100-g	100.4	100.0

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

2

KSC SHETTLE APT FL

a9-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VISF	BILITY STA	ATUTE MILE	5						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥?	≥1 :	≥1.	≥1	≥ .	≥ ,	≥ .	≥5 '6	٤.	≥0
NO CEILING ≥ 20000	50.8 75.2	52.7	52.8 78.0	_ 1	52.8 78.0	52.8 78.0	52.8 78.0	52.8 78.0	52.8 78.0		52.8 78.0	52.8 78.0	52.8 78.0	_ = - 1	52.8 78.0	52 · 0
≥ 18000 ≥ 16000	75.9 78.2	78.6	78.7	78.7 81.0	78.7	78.7 81.0	78.7 81.0	78.7 81.0	78.7	78.7 81.0	78.7 81.0	78.7 81.0	78.7	78.7 81.0	78.7	78.
≥ 14000 ≥ 12000	82.6	85.7	86.0		89.8	86.0	86.0	86.0	86.0 89.8	86.0	86.0	86.0 89.8	86.0		86,0	86.0
≥ 10000 ≥ 9000	88.5	92.2	92.5	92.5	92.5 93.4	92.5 93.4	92.5	92.5	92.5	92.5	92.5 93.4	92.5	92.5	92.5	92.5	92 • 93 •
≥ 8000 ≥ 7000	90.2	94.0	94.4	94.3	94.3	94.3	94.3	94.4	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.
≥ 6000 ≥ 5000	90.5	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.
≥ 4500 ≥ 4000	91.0 91.1	95.1 95.2	95.4		95.5 95.0	95.5	95.5	95.5 95.6	95.5 95.6	95.5 95.6	95.5 95.6	95.6	95.5		95.5 95.6	95.
≥ 3500 ≥ 3000	91.5	95.6		96.5	96.0	96.0	96.5	96.0 96.5	96.0	96.0	96.5	96.5	96.0	96.5	96.0 96.5	96.
≥ 2500 ≥ 2000	92.4 94.0	96.8	97.1		97.3	97.3 99.2	97.4	97.4	97.4	97.4	97.4 99.5	99.5	97.4	99.5	97.4	97. 99.
≥ 1800 ≥ 1500	94.2	98.9	99.4	99.6	99.5	99.5	99.8	99.7	99.7	99.7	99.8	7 1 7 1	99.7	99.8	99.7	99.
≥ 1200 ≥ 1000	94.2	98.9	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	1117	99.8	99.
≥ 900 ≥ 800	94.2	98.9	99.4	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9		99.9	99.9	99.9	99. 99.
≥ 700 ≥ 600	94.2	98.9	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9 99.9	99.9	99.9	77.9	99.9	99. 99.
≥ 500 ≥ 400	94.2 94.2	98.9 98.9	99.4	99.6	99.7	99.7 99.7	99.9	99.9	99.9	100.0	100.0	100.0		100.0	100.0	100.
≥ 300 ≥ 200	94.2	98.9	99.4	99.6	99.7	99.7	99.9 99.9	99.9	99.9	100.0	100-0		100-0	100.0	100,0	00.
≥ 100 ≥ 0	94.2			99.6		99.7	99.9	99.9							100.0	

930

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CEILING VERSUS VISIBILITY

KSC SHUTTLE APT FL

69-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							v:51	BIGITY STA	TUTE MILE	5						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1.	≥1.	21	2.	≥`,	2	≥ 5 16	2.	≥0
NO CEILING ≥ 20000	43.3	77.0		77.3	77.3	45.2	45.2	45.2	45.2	45.2 77.3	45.2	45.2		45.2 77.3	45.2	
≥ 18000 ≥ 18000	74.7	77.6	78.0	1 - i		78.0	78.0 79.0	78.0 79.0	78.0 79.0	78.0 79.0	78.0 79.0	78.0	78.0 79.0	78.0 79.0	78.0 79.0	
≥ 14000 ≥ 12000	79.7 82.6	86.6		83.3 86.9	83.3	83.3	83.3	83.3	83.1	83.3	83.3 86.9	83.3		83.3	83.3	
≥ 10000 ≥ 9000	84.3 85.4	89.4 91.0	91.6	91.6	91.6	90.0	90.0	90.0 91.6	90.0	90.0 91.6	90.0	90.0		91.6		91.6
≥ 8000 ≥ 7000	86.0 86.1	91.9	92.7	92.5	92.5	92.3	92.3	92.5	92.5	92.5	92.5	92.7	92.5 92.7	92.7	92.7	92.7
≥ 6000 ≥ 5000	86.8 86.8	92.6	93.3	93.3 93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3 93.3	93.3
≥ 4500 ≥ 4000	87.2	93.	94.	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94,4	
≥ 3500 ≥ 3000	87.5	94.1	95.	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1			95.1 96.6 97.8	
≥ 2500 ≥ 2000	90.5	96.1 98.6	97.: 99.:	99.6		97.6 99.6 99.7	97.7 99.7 99.8	97.7 99.7	97.7 99.7	97.7 99.7	97.7 99.7	97.7 99.7	97.8 99.8	97.8 99.8 99.9	99.9	97.8
≥ 1800 ≥ 1500 ≥ 1200	90.6	98.	99.6	99.7	99.7	99.7	99.8	99.8	99.	99.8	99.8	99.8	99.9	99.9	99,9	99.9
≥ 1000	90.6	98.7	99.	1 1	99.7	99.8	99.	99.8	99.9	99.4	99.9	99.8		99.9	99,9	
≥ 800 ≥ 700	90.6		99.7	99.8		99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0		100.0	100.0
≥ 600	90.4	98.	99.	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9		100.0	100.Q	
≥ 400	90.6		99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99,9		الم شده	100-0	
≥ 700	90.6	98.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.4	99.9	99.9	100.0		100,9	2 I I I
≥ 0	90.4	98.0	99.7	99.	99.8	99.8	99.9	99.9	99.9	99.9	99,9			100-Q		

930

GLOBAL CLIMATOLUCY BRANCH USAFETAL AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL

09-78

1500-1700

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES ≥10 ≥ 5 ≥2: ≥ì⊹ ≥1 ≥1 41.8 41.8 ≥ 20000 68.6 72.6 72.7 72.7 ≥ 18000 ≥ 16000 72.7 72.7 68.6 72.6 74.2 74.2 74.2 74.2 74.2 74.2 78.4 78.4 74.2 69.9 78.4 78.4 78.4 ≥ 14000 ≥ 12000 73.2 78.3 78.4 78.4 78.4 84.3 84.3 ≥ 10000 88.2 88.4 88.5 90.0 90.1 91.9 92.0 ≥ 8000 91.6 7000 6000 92.3 92.4 > 5000 82.0 92.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 93.4 4500 93.0 93.3 93.4 93.4 93.4 4000 82.5 93.5 82.9 94.4 93.9 94.0 94.7 94.6 3500 94.8 94.8 94.8 95.9 95.9 96.0 96.0 96.0 96.1 96.1 96.1 96.1 95.6 95.9 97.2 97.0 98.7 95. 97.2 97.2 2500 96.9 96.9 97.0 97.0 83.9 96.3 96.8 97.7 98.2 98.5 98.5 98.7 84.3 98.7 98.9 97.4 98.7 98.7 1800 98.0 98.4 98.9 ≥ ≥ 84.3 98,5 84.3 84.3 98.1 98.8 99.6 97.5 98.8 99.0 99.0 99.d 1200 99.0 99.0 99.0 98.3 97.6 84.3 97.6 98. 98. 99.0 99.Q 98.3 99.0 99.4 800 84.3 97.6 700 84.3 97.6 98.1 98.7 99 · d 99.0 99.4 ≥ 600 84. 84 <u>≥</u> 400 84. 300 99.0 84. 100 97.6 98.3 98.7 99.Q 99.0 99.4 99.4 99.4 99.9 99.9 99.9100.0100.0100.0100.0 84.1

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC TOTAL 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DESCRETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

KSC SHUTTLE APT FL

69-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS1	Billia Sta	LTUTE MILL	: S						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2:	≥ 2	≥1.	≥ .	≥ 1	≥ 4 :	≥ .	≥ .	≥5 16	≥.	≥0
NO CEILING 2 20000	39.6 70.5	40.1	40.1	40.1 73.9	73.9	40.1	40.1 73.9	40.1	40.1	40.1 73.9	40.1	40.1	40.1	40.1 73.9	40.1 73.9	
≥ 18000 ≥ 5000	70.8 71.7	74.0	74.1	74.1 75.2	74.1	74.1 75.2	74.1	74.1	74.1	74.1	74.1 75.2	74.1	74.1	74.1	74.1	74.1 75.2
≥ 14000 ≥ 12000	74.4 78.0	79.0	79.2 85.4	79.2 85.4	79.2 85.4	79.2 85.4	79.2 85.4	79.2	79.2 85.4	79.2 85.4	79.Z 85.4	79.2 85.4	79.2	79.2 85.4	79.2 85.4	79.2 85.4
≥ 10000 ≥ 9006	79.9 81.8	88.7 91.8	92.0	88.9 92.0	92.0	88.9 92.0	88.9 92.0	88.9 92.0	92.0	88.9 92.0	88.9 92.0	92.0	92.0	92.0	88.9 92.0	88.9 92.0
≥ 8000 ≥ ′000	82.9 82.9	93.5	94.0	94.0	94.2	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0 94.2	94.0	94.2
≥ 6000 ≥ 5000	83.1 83.2	94.1	94.6		94.6	94.8	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94,7	94.7
≥ 4500 ≥ 4000	83.3	94.8	94.6	95.4	95.0	95.6	95.1	95.0	95.1 95.6	95.6	95.4	95.4	95.1	95.1 95.6	95.1 95.6	
≥ 3500 ≥ 3000	83.8	95.8	95.1	95.1 96.5 96.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95,9 96,7	95.9
≥ 2500 ≥ 2000	84.3 84.8	96.0 97.2 97.3	96.8 98.0		97.1 98.6	97.1 98.6 98.7	97.1 98.7 98.6	97.1 98.7	98.7	97.1 98.6 98.9	97.1 98.5 98.9	97.1 98.5 98.9	97.1	98.8	98.6	97.1 98.8 99.0
≥ 1800 ≥ 1500	84.9	97.4	98.2	98.4	98.8	98.8	98.9	98.9	98.9	99.d	99.0	99.d	99.1	99.1	99.1	99.1
≥ 1200 ≥ 1000 ≥ 900	84.9	97.8	98.6	98.9	99.4	99.4	99.5	99.5	99.	99.6	99.4	99.6	99.7	99.7	99,	99.8
≥ 800 ≥ 700	84.9	97.6	98.6	98.9	99.4	99.4	99.5	99.5	99.5	99.4	99.4	99.6	99.9	99.9	100.0	100-0
≥ 600	84.9	97.8	98.6	98.4	99.4	99.4	99.5	99.5	99.5	99.6	99.4	99.0	99.9	99.4	100.0	100-0
≥ 400 ≥ 300	84.9	97.8	98.6	98.9	99.4	99.4	99.5	99.5	99.5	99.4	99.4	99.6	99.9	99.9	100.0	100-0
≥ 100	84.9	97.8	98.0	98.9	99.4	79.4	99.5	99.5	99.5	77.4	99.4	99.6	99.9	99.9	100,0	100-0
≥ 0	84.9	97.8	98.6	98,9	99.4	99.4	99.5	99.5	99.5	99.4	99.4	77.0	99.9	99,9	100.0	100.0

930

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12808

2

KSC SHITTLE APT FL

c9-78

3100-350

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEIUNG							vIS	BILITY STA	TE MILI	ES						1
: FEE-	≥10	≥ 6	≥ 5	≥ 4	23	≥2.	2.2	≥1	21.	≥.	2 •	≥ .	≥ .	≥ 5 16	≥.	≥0
NO CEIUNG ≥ 20000	52.9 78.9	53.3	53.3	53.3 80.4	53.3	53.3 80.4	53.3 80.4	53.3	53.3 80.4	53.3 80.4	53.3	53.3	53.3	53.3 80.4	53.3 80.4	53.3 80.4
≥ 18006 ≥ 16000	79.0 79.5	80.5	80.5	1	80.5	80.5	80.5 81.0	80.5	80.5		80.5	80.5	80.5 81.0	80.5		- !
≥ 14000 ≥ 12000	82.2	84.0	84.0	84.0	84.0	84.0	84.0	84.0 89.1	84.0 89.1	84.0 89.1	84.0 89.1	84.0	84.0		84.0	• • • • •
≥ 10000 ≥ 9000	88.3 91.1	93.0	93.0	93.0	93.0	93.0	93.0	93.0 96.5	93.0	93.0 96.5	93.0	93.0	93.0 96.5	93.0 96.5		
≥ 8000 ≥ 7000	91.3	97.1	97.1	97.1	97.1	97.1 97.3	97.1	97.1	97.1 97.3	97.1 97.3	97.1 97.3	97.1	97.1 97.3	97.1 97.3	97.1 97.3	
≥ 6000 ≥ 5000	91.6 91.7	97.4 97.6	97.4 97.6		97.4	97.4	97.4	97.4	97.4 97.6	97.4 97.6	97.4	97.4 97.6	97.4	97.4	97.4 97.6	
≥ 4500 ≥ 4000	91.7	98.0	98.0	98.3	98.3	98.0 98.3	98.0 98.3	98.0 98.3	98.0	98.3	98.3	98.0	98.0 98.3	98.0	98.3	98.3
≥ 3500 ≥ 3000	92.2	98.6 98.6	98.6	98.7	98.7	98.6 98.7	98.4	98.6 98.7	98.6 98.7	98.6 98.7	98.6	98.6	98.6 98.7	98.6 98.7	98.7	98.7
≥ 2500 ≥ 2000	92.2	99.0	99.2			99.2	99.2	99.2	99.2	99.2	99.2	99.7	99.2	99.7	99,7	99.7
≥ 1800 ≥ 1500	92.3	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200 ≥ 1000	92.4	99.4	99.7		99.9									100.0		100.0
≥ 900 ≥ 800	92.4	99.4	99.8	99.9	100.0	100.0	100.0	100.9	100.0	100.0		100.0	100.0	100.0	100,a	100.0
≥ 700 ≥ 600	92.4	99.4	99.8	99.9		100.0	100.0	100-0	100.0	100.0	100.0		100.0	100.0	100.0	100.0
≥ 500 ≥ 400	92.4	99.4	99,8	99.9		100.0	100.0	100.0	100.0	100-0	100.g		100.0	100.0	100.0 100.0	100.0
≥ 300 ≥ 200	92.4 92.4 92.4	99.4	99.8	99.9	100.0 100.0	100.0	100.0	100.0	100.g	100.0		100.0	100.0 100.0	100.0	100,0 100,0 100.0	100-0
≥ 100 ≥ 0	92.4	99.4	99.8												100.0	

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOCY BRANCH USAFFTAC AIR HEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

2

KSC SHUTTLE APT FL

9-78

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-SUBS IST

CEILING							V1511	BILITY STA	TUTE MILE	:\$						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	22.	≥ 2	≥1	≥1 ₄	≥1	≥ 4	≥.'	2	≥ 5 16	≥ .	≥o
NO CERINO	52.5	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
2 20000	76.8	79.7	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.Q	80.0	80.0	80.Q	
≥ 18000	77.1	80.0	80.1	80.2	80.2	80.2	80.2	80.3	80.3		80.3	80.3	80.3		80.3	80.3
2 '5000	78.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 14000	81.4	84.8	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	
≥ 12000	84.9	89.2	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.4	89.6
≥ 10000	87.0	92.7	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.4	92.6	92.6	92.6	92.6
≥ 9000	88.3	93.9	94.2	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4		94.4	94.4
≥ 8000	88.9	94.8	95.1	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 7000	89.0	94.9	95.4	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 6000	89.3	95.2	95.6	95.6	95.7	95.7	95.8	95.8	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 5000	89.4	95.4	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.d	96.0	96.Q	96.0		96.q	96.0
≥ 4500	89.6	95.8	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
. 2 4000	89.8	96.1	96.4	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3500	90.0	96.5	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	90.4	96.9	97.3	97.4	97.5	97.5	97.6	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	90.5	97.4	97.8	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	91.2	98.4	98.8	99.0	99.4	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1800	91.3	98.5	98.9	99.1	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 1500	91.3	98.9	99.0	99.2	99.4	99.4	99.6	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	91.3	98.6	99.1	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.6	99.9	99.9	99,9	99.9
≥ 1000	91.4	98.6	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.5	99.9	99.9	99.9	99.9
≥ 900	91.4	98.6	99.1	99.4	99.6	99.6	99.4	99.8	99.6	99.9	99.9	99.9	99.9	99.9	99,9	99.9
≥ 800	91.4	98.7	99.1	99.4	99.6	99.6	99.8	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99,9	99.9
≥ 700	91.4	98.7	99.2	99.4	99.4	99.6	99.8	99.4	99.1	99.9	99.9	99.9	100.0	100.0	100. d	100.q
≥ 600	91.4	98.7	99.2	99.4	99.0	99.0	99.4	99.4	99.4	99.9	99.9	99.9	100-d	100.d	100.d	100-d
≥ 500	91.4	98.7	99.2	99.4	99.6	99.6	99.	99.8	99.4	99.9	99.9	99.9	100.0	100-a	100. a	100.9
≥ 400	91.4	98.7	99.4	99.4	99.0	99.6	99.4	99.4	79.6	99.9	99.9	99.9	100.d	100.g	100,0	100.d
≥ 300	91.4	98.7	99.2	99.4	99.6	99.6	99.4	99.8	99.4	99.9	99.9	99.9	100.0	100.d	100.0	100.0
≥ 200	91.4	98.7	99.4	99.4	99.6	99.6	99.4	99.8	99.4	99.9	99.9	99.9	100.g	100-d	100.q	100-d
≥ 100	91.4	98.7	99.2	99.4	99.4	99.6	99.4	99.8	99.4	99.9	99.9	99.9	100.0	100-d	100, d	100.0
≥ 0	91.4	98.7	99.2	99.4	99.6	99.4	99.4	99.4	99.4	99.9	99.9	99.9	100 · d	100 - q	100.d	100-d

OTAL NUMBER OF ORSERVATIONS

7440

USAF ETAC TUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBOLETE

GLOBAL CLIMATOLUMY BRANCH TUSAFFTAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL

2

69-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							115	- IBHLITY STA	.T⊒₹E M.L	ES						
FEET	≥10	≥6	≥5	≥ 4	23	≥2.	≥ ;	≥')	≥1.	≥,	2.4	≥ .	2	25 16 i	2.	≥0
NO CEIUNG ≥ 20000	66.4	86.0		69.1 86.1	69.2 86.2	69.2	69.2	69.2	69.2		69.2 86.2	69.2	69.2		69.2	69·2
≥ 18000 ≥ 16000	82.0 82.3	86.4	86.2	86.2	86.3 86.7	86.3 86.7	86.3	86.3 86.7	86.3 86.7		86.3	86.3	86.3	86.3	86.3	86.3
≥ 14000 ≥ 12000	83.7 87.5	87.9 91.9		88.1 92.0	88.2 92.1	88.2 92.1	88.2 92.1	88.2 92.1	88.2 92.1		88.2 92.1	88.2 92.1	88.2 92.1	88.2 92.1	92.1	
≥ 10000 ≥ 9000	90.7	94.1 96.2		96.4	96.6		94.3	94.3 96.6	94.3	96.6	94.3	94.3	94.3	94.3	94.3	94.3
≥ 8000 ≥ 7000	91.0	96.4	97.1	96.7	96.8 97.2	96.8	96.8	96.8 97.2	96.8	97.2	96.8	96.8	96.8	96.8	96.8	96.8
≥ 6000 ≥ 5000	91.5	97.0	97.5	97.5	97.6	97.6	97.6	97.3 97.6	97.3 97.6	97.6	97.3	97.3 97.6	97.3	97.3	97,3 97,6	97.3
≥ 4500 ≥ 4000	91.9	97.6		97.8	98.0	98.0	97.7		97.7 98.0	98.0	98.0	97.7 98.0	97.7 98.0	98.0	98.0	97.7 98.0
≥ 3500	92.1 92.2 92.9	97.6 97.7	97.8 98.0	98.0	98.1	98.0 98.1	98.0 98.1	98.1	98.0 98.1	98.1	98.1	98.0	98.0 98.1	98.0 98.1 99.0	98.0 98.1	98.0
≥ 2500 ≥ 2000 ≥ 1800	93.3	99.5	99.7	99.7	99.8	99.8	99.0 99.8 99.8	99.8	99.8		99.0 99.8	99.8 99.8	99.8	'	99.8	99.8 99.8
≥ 1500	93.4	99.6		99.8	99.9	99.9	99.9	99.9	99.9		99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	93.5	99.7	99.9	99.9	100.q	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800 ≥ 700	93.5	99.7	99.9	99.9	100.q	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0
≥ 600 ≥ 500	93.5	99.7	99.9	99.9	100.q	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100,0	100.0
≥ 400 ≥ 300	93.5	99.1	99.9	99.9	100.g	100.q	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100-0
≥ 100	93.5	99.7	99.9	99.9	100.g	100.d	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 0	93.5	99.7	99.9			. 7	1	1		100.0		1				1

TOTAL NUMBER OF OBSERVATIONS

929

USAF ETAC 101.44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL 59-75
PERCENTAGE FREQUENCY OF OCCURRENCE

0300-0500

CEILING							ş. <u>ş</u> .	RILL' - STA	TUTE MILE	÷						
FEET	≥ '◊	≥ 6	≥ 5	2.4	≥ 3	≥2.	\$ 2	≥ .	≥1	≥1 :	ž .	≥ .	<u> </u>	≥5 6	≥.	≥0
NO CEUNG	70.8	73.7	73.8		73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.1
≥ 20000	84.4	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.2
≥ 18000	84.6		89.1	89.2	89.4	89.2	89.2	89.2	89.2	89.4	89.4	89.4	1	89.4	89.4	89.5
≥ 16000	85.5	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3
≥ 14000	86.8	91.5	91.4	91.7	91.7	91.7	91.7	91.7	91.7	1	91.8	91.8	91.8	91.8	91.6	91.9
≥ 12000	88.5	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.7
≥ 10000	89.8	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.7
≥ 9000	91.4	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	
≥ 8000 ≥ 7000	91.6		97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	
 	91.7	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.1	97.7	97.7	97.7	97.7	97.8
≥ 6000 ≥ 5000	91.7	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8
<u> </u>	91.8	97.7	97.8	98.0	98.0	98.0		98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 4500	92.3		98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.4	98.6		98.6	98.6	98.7
	92.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6		98.6	98.4	98.7
' ≥ 3500 ≥ 3000	92.3	98.6	98.7	98.8	98.8	98.8	98.8	98.4	98.8	98.9	98.9	98.9	1	98.9	98.9	99.d
<u></u>	92.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 2500 ≥ 2000	92.3	98.6		98.9	99.5	7001	98.9	98.9	98.9	99.d	99.q	99.0	99.0	99.d	99.a	- 3
<u> </u>	92.5	99.1	99.4	99.6	99.6	99.5	99.5	99.5	99.5	99.6	99.4	99.4	99.4	99.4	99.6	99.7
≥ 1800 ≥ 1500	92.6		99.5	99.7	99.7	99.7	99.4	99.4	99.7	99.8	99.7	99.7	99.7	99.8	99.7	99.8
	92.6	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 1200	92.4	99.2	99.5	99.7	99.	99.7		99.7	99.7	99.8	99.8	99.8	99.8	77.5	99.8	
\ <u>-</u>	92.6	99.2	99.5	99.7	99.7	99.1	99.7	99.7	99.7	99.8	99.4	99.8	99.8	99.8	77.9	99.9
≥ 900 ≥ 800	92.0	99.4	99.4	99.4	99.8	99.8	99.	99.8	99.8	99.9	99.9	99.9	99.9	90.0	99.9	-
≥ 700	92.6	99.4	99.6	99.	99.8	99.6	99.8	99.8	99.6	99.9	99.4	99.9	99.9	99.9		100 · Q
≥ 600	92.0		99.6	99.	99.6	99.8	99.	99.8	99.4	99.9	99.9	99 . d	99.9	99.4		100 · d
≥ 500	92.6	99.4	99.6	99.6	99.8	99.8	99.	99.8	99.8	99.9	99.9	99.9	99.9	66.6	A & A	100-0
≥ 400	92.0	99.4	99.6	99.8	99.8	99.8	99.	99.8	99.4	99.9	99.9	99.9	99.9	99.9		100 · q
≥ 300	92.6	99.4	99.6	99.8	99.8	99.8	99.1	99.8	99.1	99.9	99.4	99.9	99.9	99.0		100.0
≥ 200	92.0	99.4	99.4	99.8	99.8	99.8	99.	99.8	•	99.9	99.9	99.9	99.9	99.4	99,9	
≥ 100	92.6		99.6	99.8	99.4	99.8	99.1	99.8	99.4	99.9	99.9	99.9		66.6		100.0
≥ .00	92.0	1	99.4	99.8	99.4	99.8	99.4	99.4	99.1	99.4	99.9	99.9	99.4	99.4	99.4	100 · d
L						7,74	, , , , ,				7707	7.07				MAIN

(FROM HOURLY OBSERVATIONS)

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATULUGY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12808 KSC SHUTTLE APT FL

<u>⊳9-76</u>

WOL.

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS)

0600-0800

CEIDING	,						v151	BILITY STA	IT_TE MILE	:5						
FEET	≥ic	≥6	25	≥ 4		2.2	2?	≥1.	21.	≥:	₹ 4	≥ ,	<u> </u>	≥5 :6	? .	20
MO (EITING	56.9 76.1	64.2	1 - 1 - 1		84.5	64.7		64.8	84.7	64.9	64.9			64.9		
≥ 18000	76.9		84.0	85.1	85.4	85.4	85.5	85.5	85.5		85.7		85.7	85.7	85.7	85.9
≥ 14000 ≥ 12000	80.6 82.3		88.6	89.2 91.1	89.6	89.6	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	90-1
≥ 10000 ≥ 9000	84.7	92.8	93.7		94.4	94.4	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.9
≥ 8000 ≥ 7000	86.8	94.9	95.8	96.2	96.6	96.6	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	97.1
≥ 6000 ≥ 5000	87.1	95.5	96.3	96.8	97.1	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.6
≥ 4500 ≥ 4000	87.1	96.1	97.0	97.4	97.7	97.7	97.8	97.8	97.8		98.1	98.1	98 - 1	98.1	98.1	98.3
≥ 3500 ≥ 3000	87.2	96.3	97.2	- 1	98-1	98.1	96.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.6
≥ 2500 ≥ 2000	87.4	96.6	97.4	98.0	98.3	98.3	98.4	- 1	98.4	98.6	98.5	98.6	98.5	98.6	98.5	98.8
≥ 1800 ≥ 1500	87.7	97.1	98.0	98.5	98.4	98.8	98.9	98.9	98.9	99.1		99.1	99.1	99.1	99.1	
≥ 1200 ≥ 1000	87.7	97.2	98.1	98.7	99.d	98.8	99.1	98.9	99.1		99.4	99.4	99.4	99.4	99.4	1
≥ 900	87.8	97.3	98.2	98.7	99.2	99.2		99.4	99.4	99.6	99.4	99.4	99.6	99.6	99.4	
≥ 700	88.1	97.4	98.3	99.0		99.4	99.5	99.5	99.5		99.7	99.7	99.7	99.7	99.7	
≥ 600	88.1	97.4	98.3	99.0	99.4	99.4	99.5	99.5	99.5	99.7		99.7			99.7	
≥ 400	88.2	97.5	98.4	99.1	1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	
≥ 200	88.2	97.5	777	99.1	99.5	99.5	99.6	99.6	99.6		99.8		99.8	99.8	99.8	
≥ 0	88.2	97.5	98.4	99.1	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	00.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 101 64 0+14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC

AIR MEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL

و**9-7**2

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

0900-1100

CEUING							, ,	BL-TV STA	Jo™ M-E	•						
FEE"	≥10 (≥ 6	≥ 5	≥ 4	23	27	≥ ;	≥'	2		· · · · · · · · · · · · · · · · · · ·	2 .	2	20 e	2.	21
O FUN-	57.4	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.
≥ 20000	78.7	81.4	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.
≥ 18000	79.4	82.0	82.0	82.9	82.9	82.9	82.9	62.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82 •
€ 1 6 0H	80.1	82.8	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.
≥ 14000	83.9	86.9	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.
.12000	86.1	49.2	89.8	90.1	90.1	90.1				90.1	90.1	90.1	90.1	90.1	90.1	90 .
2 10000	89.2	92.6	93.1	93.4	93.4					93.4						
≥ 9000	90.8	94.2	94.7	95.1	95.1	- :				95.1			-		,	_
8000	91.2	94.6	95.2	95.5						95.5						
3 7000 -	91.3	94.7	95.3	95.6	95.6					95.6						
<u></u> 6000	91.4	94.8	95.4	95.7	95.7			95.7		95.7						
≥ 5000	91.4	94.9	95.5	95.8	95.8	95.8				95.8						
≥ 450°	91.4	95.1	95.6	95.9	95.9		95.9			95.9					95.9	
2 4000	91.5		95.7	96.0		1				96.0						
≥ 3500	91.6		95.8	96.2	96.2	96.2	96.4				96.2			96.2	96.2	
≥ 3000	91.6	- 1	95.8	96.2	96.2	96.2				96.2						
≥ 2500	92.0	95.8	96.3	96.8	96.8	96.8			96.8				96.8		96.8	
≥ 2000 ≥ 2000	94.1	98.3	98.8	99.2	99.4	99.4		99.4		- 1	99.4		- ,	99.4	99.4	-
≥ 180C	94.1	98.3		99.2	99.4	99.4					99.4	99.4				
≥ 1500 ≥ 1500	94.1	98.3	98.8	99.2	99.4	99.4		99.4	99.4	99.4		1	99.4	99.4	99.4	
	94.4		99.1	99.6	99.7	99.7			99.4			99.4				
≥ 1200 ≥ 1000	1	98.4								99.7	1	99.7	99.7	99.7	99.7	
	94.5		99.4	99.7	99.8	99.8			99.8				99.8		99.8	
≥ 900 ≥ 800	94.0		99.4	99.8	99.9	99.9		1	i	99.9		1	1	- 1	99.9	
	94.6		99.4	99.8	99.9		99.9			99.9					99,9	
≥ 700	94.0	-	99.4	99.8	99.9					99.9					99.9	
≥ 600	94.6		99.4	99.8						99.9					99,9	
≥ 500	94.4	- 1	99.5							100.01						
≥ 400	94.4		99.5							100 - Q1						
≥ 300	94.6		99.5							100.di						
≥ 200	94.0	98.8	99.5							100 • Q1						
> 00	94.6	98.8	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100 d	00.0	100.0	100.d	100. g	100, a	100.
≥ 0	94.6	98.8	99.5		100 · q											

TOTAL NUMBER OF OBSERVATIONS,

930

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLUBAL CLIMATHLUMY BRANCH USAFATAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1286% KSC ShitTLE APT FL

c.9-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS.

1200-1400

n Englishede							516	, 15 S14	A							1
-tE	<u>≯1</u> €	≥6	≥ 5	24	2 *	2.7	:.		2" .	2	2.	2.	:	25 6	2	≥0
NO CERINO							53.9									
₹ 20000	78.2	81.8					82.3									
≥ (8000	78.3						82.4									82.4
≥ 16000 .	79.1	43.9	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
_: 400€	81.2	85.3	85.7				85.7									
≥ 2004	83.5	87.8	88.3	88.3	88.3	88.3	85.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88,3	88.3
≥ 1000€	87.0	92.7	92.7				92.7									
> 60%	88.2	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
2 8000	88.8	94.2					94.7									
2 786	89.1	94.5	95.1	95.1	95.1	95.1	9201	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
2 61 cm	89.2	94.7	95.3				95.3									
2 5000	89.2	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4500	89.5	95.1	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4000	89.6	95.3	96.0				90.1									
≥ 3500	89.8	95.5	96.2				90.3									
2 300C	90.1	95.8	96.6				96.7									
≥ 2500	90.5	96.7	97.1				97.2									
≥ 2000 ∮	92.0	98.5	99.4				99.5									
≥ 1800	92.2	98.6	99.5				99.6									
2 '500	92.2	98.6	99.5				99.6									
≥ -200	92.2	98.8	99.7				99.8									
+ ≥ 1000	92.2	98.8	99.7				99.8									
2 900	92.2	99.5	99.7				99.8									
≥ 800	92.2	98.8	99.7				99.8									
≥ 700	92.2	98.8	99.7				99.8									
≥ 600	92.2	98.8	99.7	99.8			99.8									
≥ 500	92.2	98.8	99.7	99.8			99.8									
2 400	92.2	98.6	99.7				99.8									
≥ 300	92.2	98.8	99.7				99.4									
2 200	92.2	98.6	99.7				99.8									
> 100	92.2	98.8	99.7				99.8									
≥ 100	92.2	98.8	99.7	99.8			99.8									
L								• • • •						0		<u> </u>

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 101.04 0-14-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR ZEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHITTLE APT FL

69-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1500-1700

CER NO							v 5:5	9 - 1 - 5 TA	. TE A4 E							
'EE'	· · · · · ·	< 6	ž [†] 1	≥ 4	±3	22.	٤.	2.7	21.	· ·	2.4	ž ·	2	≥ 5 6	· •	≥≎
NO FEETING	43.7	44.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.
⊴ 2000€	70.2	75.5	76.1	76.1	76.1	76.1	70.4	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76 - 1
2.18000	70.6	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
	71.0	76.5	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.
2 4000	72.4	78.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.
≥ 1,2000	76.3	82.6	83.2	83.2					1	83.2						83.2
2 19000	80.3	BR.	69.1	89.1						89.1				89.1	89.1	
≥ 9000	81.4		-		-		7		_	91.5		- 1				_
8000	81.8	91.8	92.5		92.5					92.5						
7000	81.9		92.0	;						92.4						
≥ 6000	82.3				93.4					93.4						
≥ 5000	82.4		93.7	93.8	93.8		_ :	;		93.8						
2 450C	82.5									94.1						94.
J 4000	82.6		94.1	94.3	-	7				94.3				94.3		94.
2 3500	82.9		94.4	94.6	94.6					94.6					94.6	
2 3000	83.7	94.7	95.6							95.8						95.1
	83.7	95	95.9													
± 2500 ± 2000	• •									96.3					96.3	
	84.3		98.0					~		98.7				98.8		98.
≥ 1800 ≤ 1500	84.5		98.5	99.1			99.1			99.4		99.4	99.5		99.5	
	84.5									99.5				99.6		
≥ 1700	84.5	1	98.8							99.8		1	_ :	99.9		
≥ :000	84.5		98.8				99.6		99.7					99.9		
≥ ¥00	84.5	7	98.8	99.6	99.6	99.6			,	99.6				99.9		
? 800	84.5	97.3	98.4	99.7	99.7	99.7	99.7	99.5						100.0		
± 700	84.5	7	98.8	99.1	99.7	99.7	99.7			- 1	- :			100-d		• •
. ≥ 600	84.5	97.3	98.8	99.7	99.7	99.7	99.7	99.4		99.9			100.q	100 · d	100, q	100-0
500	84.5	97.3	98.8	99.7	99.7	99.7	99.7	99.8	99.4	99.9	99.9	99.9	100.0	100.d	100, q	100.0
2 400	84.5	97.3	98.4	99.1	99.7	99.7	99.7	99.8	99.5	99.9	99.9	99.9	100.d	100.q	100.d	100-0
2 300	84.5	97.3	98.5	99.1	99.7	99.7	99.7	99.8	99.4	99.9	99.9			100.0		
≥ 200	84.5	97.3	98.8	97.7	99.7	99.7	99.7	99.8	99.4	99.9	99.9	99.9	100.d	100.d	100. d	100.0
≥ 100	84.3	97.3	98.8	99.1	99.7	99.7	99.7	99.4	99.4	99.9	99.9			100.d		
≥ 0	84.5		98.8	99.7	99.7	99.7	99.7	99.8	99.4	99.9				100.d		
<u> </u>												* * * * 1				- 70.

TOTAL NUMBER OF OBSERVATIONS.

930

USAF ETAC 1000 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

2

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 KSC SHITTLE APT EL

69-70

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEIUNG							VISI	BILLTY STA	TUTE MILE	5						
1 +66:	≥10	≥6	≥5	≥4 .	23	22.	≥?	- <u></u>	≥1.	21	≥ .	≥ .	2	≥5 6	2.	20
20000 ± 20000	42.6	45.5		45.5	45.5	45.5 76.5		45.5		45.5	45.5				45.5	
≥ 18000 ≥ 16000	71.6	76.6	- 1	77.6 78.4	77.6	77.6 78.4	77.6			77.6	77.6	77.6	77.6	!		77.6 78.4
≥ 14000 ≥ 12000	75.0 78.3	80.4 85.4	81.5	81.5	81.5	81.5	81.5 86.4	81.5 86.4	86.4	86.4	1	81.5	81.5			81.5
00000 ≤	81.4	89.8 91.8	91.1	91.2		91.2	91.2	93.2	91.2	93.2	93.2	91.2 93.2	91.2 93.2	93.2	93.2	93.2
≥ 8000 ≥ 7000	83.7	93.3	94.6	94.7	94.7	94.7	94.7		94.7	94.9		94.7	94.7	94,9	94.9	94.9
≥ 60FXC ≥ 50Cx0	84.3	94.0	95.3	95.6	95.4	95.4	95.4	95.4	95.4		95.4		95.4	95.6	95.6	95.4 95.6
≥ 4500 ≥ 4000	84.5	94.7	95.8	95.9	95.9	95.9	96.1	96.1	95.9	96.1		96.1	95.9	96.1	96.1	96.2
≥ 3500 ≥ 3000	84.8 85.5	95.7 95.9	96.6 97.4 98.0	96.7 97.5 98.1	96.7 97.5 98.1	96.7	96.7		96.7	97.5		97.5	96.7	97.5		97.6
≥ 2500 ≥ 2000	85.9 85.9	96.9	98.7	98.8	98.6	98.1 98.6 98.8	98.1 98.7 98.9	98.1 98.7 98.9	98.1 98.7 98.9	98.8	98.1 98.8 99.0	98.8 99.0	98.1 98.8 99.0	98.1 98.6 99.0	98.1	98.9
≥ 1500 ≥ 1200	85.9	97.0	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.4		99.4	99.5
≥ 1000 ≥ 900	86.0	97.2	99.0	99.1	99.1	99.1	99.2	99.2	99.2		99.4	99.4	99.7	99.7	99,7	
2 800	86.0	97.2	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.9	99.9	99,9	00-0
≥ 600 ≥ 500	86.0	97.2	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.9	99.9	99,9	
≥ 400		- 7		99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.9	99.9	99,9	
≥ 200		97.2	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.9	99.9		100.0
<u> 2</u> 0	86.0	97.2	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.9	99.9		100.0

929 TOTAL NUMBER OF OBSERVATIONS_

USAF ETAC - 101 04 0+14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOCY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12863 KSC SHUTTLE APT FL 69-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING,							VIŞ	Brits StA	Tule was	f S						
	≥10	≥ 6 '	≥ 5	≥ 4	≥ 3	22; -	≥ ;	2	≥١.	≥ :	2	≥	2	≥ 5 10	2. j	≥c
NO CEILINU ≥ 20000	57.1 76.7	59.1	59.1 81.1	59.1 81.1	59.1 81.1	59.1 81.1	59.1 81.1	59.1 81.1	59.1 81.1	59.1 81.1	59.1 81.1	59.1				
≥ 18000	77.	81.6		81.	81.7	81.7	81.7	81.7	81.7		81.7	81.7		81.1	81.7	81.
: (x:06) ≦	77.5	81.6		81.9	81.9		81.9		81.9		81.9	81.9	81.9	81.9	81.9	81.
≥ 14000 ≥ 12000 m	79.5			84-0	84.0	- 7			84.0		84.Q	84. g				84.
	83.5	88.8			88.9			88.9	88.9		88.9	88.9			88.9	88.
2 10000 1 ≥ 9000 ;	87.3 88.3	92.9							93.0		93.d	93.0				
	89.		94.6		94.6				94.6		94.6	94.6				
≥ 8000 ≥ 7000	89.5	,	7		95.0	95.6			95.6		95.6	95.6		ı	1	
> 6000	89.4		96.0		96.0	96.0		95.9	95.9		95.9	95.9			95.9	95.
≥ 5000	90.1	96.5	96.6			96.6		96.6	96.6	96.6	96.0	96.6		96.0	96.0 96.6	
≥ 4500	90.4		97.0				97.0		97.0	97.d	97.0	97.0			97.d	
≥ 4000	90.8		97.4	1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.
≥ 3500	90.9		97.6			97.6			97.6	97.6	97.6	97.6		97.6	97.4	97.
≥ 3000	91.3	98.2	98.3		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98•
≥ 2500	91.3	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.
≥ 2000	91.7	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.4	99.6	99.6	99.6	99.6	99.4	99.
≥ 1800	91.8		99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.
≥ 1500	91.9		99.4		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.
≥ 1200	92.0		99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.
≥ 1000	92.0		99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.
≥ 900	92.0	J	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.
≥ 800	92.0		99.7	99.7	99.9	99,9	99.9	99.9	79.9	99.9	99.9	99.9	99.9			100.
≥ 700	92.0		99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		100.a	
	92.0		99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	79.9		100.d	
≥ 500 ≥ 400	92.0		99.7	99.7	99.9	99.9	79.9	99.9	99.9	77.7	97.9	99.9	77.7		100.d	
	92.0		99.7	99.7	99.9	99.9	99.9	77.7	77.7	99.9		77.9	77.5	-	<u>100, q</u>	
≥ 300 ≥ 200	7		99.7	99.7	99.9	99.9	99.7	99.9	77.7	99.9	77.7	44.4	77.7		700'd	
	92.0		99.7	99.7	99.4	99.9	99.9	97.9	77.7	79.7	77.1	77.7	77.7		100, g	
≥ 100 ≥ 0	92.0		99.7	99.7	99.9	99.9	1553	99.9	77.7	90.4	11.3	77.7	11.1	1	100-a	
	76.0	99.5	77.4	7701	77.9	77.4	79.9	99.9	77.7	99.9	22.2	77.7	77.7	77.7	100.q	100 •

TOTAL NUMBER OF OBSERVATIONS...

930

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL

09-7b

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

' EIUNG			~				¥151	BEETY STA	TUTE MILE	5						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ ?	<u>></u> 1	≥1.	≥·	? •	2 .		≥5 (6 ;	2.	≥0
NO (EILING ≥ 20000	56.2	58.6		- 1	58.8	58.8	58.8	58.8	58.8	58.8	58.4	58.8	58.8	58.8	58.8	58.9
	77.1	81.6	82.1	82.2	82.3	82.3	82.3	32.3	82.3	82.3	82.3		82.3	82.3	82.3	82.4
≥ 18000	77.6	82.7	82.6		82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.7	82.8	- I	82.8	82.9
= 150,00	78.2	82.9	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 14000	8C.4	85.3	85.7	85.9	85.9	85.9	85.9	85.9	85.9	86.Q	86.0	86.0	86.0	86.0	86.0	86.0
≥ 12000	83.3	88.6	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89,3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 10000	86.1	92.3	92.8		93.0	93.0	93.0	93.0	93.0	93.Q	93.0	93.0	93.0	93.0	93.0	93.0
≥ 9000	87.4	94.0	94.6		94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.A	94.8	94.8	94.8	94.8
≥ 8000	88.0	94.8	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6
≥ 7000	88.4	95.0	95.5		95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 6000	88.4	95.3	95.4	95.9	96.0	96.0	96.0	96.0	96.Q	96.0	96.U	96.0	96.Q	96.0	96.0	96.1
≥ 5000	88.5	95.5	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
≥ 4500	88.7	95.8	96.4	96.5	96.0	96.6	96.6	96.6	96.6	96.6	96.0	96.6	96.6	96.6	96.6	96.7
≥ 4000	88.8	96.0	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96,9	96.9
≥ 3500	88.9	96.2	96.8	97.d	97.d	97.d	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
, ≥ 1000	89.2	96.6	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
≥ 2500	89.5	97.0	97.7	97.9	98.g	98.Q	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
≥ 2000	90.2	98.1	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 1800	90.3	98.2	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1500	90.1	98.3	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 1200	90.4	98.4	99.2	99.5	99.6	99.6	99.6	99.6	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 1000	90.4	98.5	99.2	99.5	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
> 900	90.4	98.5	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800	90.4	98.5	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	
≥ 700	90.4	98.5	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	
≥ 600	90.4	98.9	99.1	99.6	99.7	99.7	90.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	
≥ 500	90.4	98.3	99.3	99.6	99.7	99.7	99.7	99.8	99.4	99.8	99.8	99.8	99.9	99.0	99.9	
≥ 400	90.3	98.3	99.3	99.4	00.7	99.7	90.8	00.8	99.4	99.4	99. g	99.9	90.0	99.0		100-0
≥ 300	90.3	98.9	99.1	99.4	99.7	99.7	99.8	99.4	99.4	99.4	99.9	00.0	90.0	99.0	99.9	
2 200	90.3	98.9	99.3	99.4	99.	99.7	90.8	99.8	99.	90.0	99.0	99.9	90.0			00-0
	90.3	98.3	66.1	66.4	99.7	99.7	99.8	99.8	99.1	46.4	99.9	99.9	99.9	66.6	99.9	
≥ 100	90.3	98.9	99.1	99.6	99.7	99.7	99.8	99.8	79.8	99.0	99.9		99.9	00.0		
	70.3	7002	7703	7709	****	7701	7709	770 q	7700	77.7	7707	7707	200	7707	99.9	MAN

TOTAL NUMBER OF OBSERVATIONS_

7438

USAF ETAC 10,64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORGOLETE

NOAMA W

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1>868 K

2

KSC SHUTTLE APT FL

69-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

0000-0200

Euro							• \$0	B "* S*A	"UTE MILE	5						
\$ E E I	≥10	≥ 6	≥ 5	≥ 4	\$3	≥2.	2.7	≥ .	.:	21	≥ .	≥ .	2	≥ 5 16	2.	≥c
NO CEIUNO ≥ 20000	63.1	64.4	79.9	79.9	64.7	79.9	64.7	64.7		79.9	64.7	64.7	64.7	64.7	64.7	64.7
≥ 18000 ≥ 16000	78.0 78.3	79.9 80.2	80.1	80.1	80.1	80.1	80.1	80.1	80 · 1	80.1	80.1	80.1	80.1	80.1	80.4	80.1
≥ '4000	79.3	81.3	81.6	81.6	81.6	80.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 12000	82.1	84.1 88.4	84.3	88.7	84.3	88.7	84.3	84.3	84.3	88.7	88.7	88.7	84.3	88.7	88.7	84.3
> 8000	86.7	91.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 7000	88.4	92.0	92.4	92.5	92.5	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.3	92.3
≥ 5000	88.9	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4500 ≥ 4000	89.2	93.3	93.6	93.8 94.9	93.6	93.8 95.0	93.8 95.0	93.8 95.0	93.6 95.0	93.8 95.0	93.8 95.0	93.8 95.0	93.6 95.0	93.8	93.8 95.0	93.6 95.0
≥ 3500 ≥ 3000	90.8	95.3	95.6 96.1	95.8	95.9	95.9 96.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.4
≥ 2500 ≥ 2000	91.7	96.6	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800 ≥ 1500	92.8	98.6	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	92.8 92.8	99.0	99.3	99.7	99.6	99.9	99.9	99.9	99.4		99.7					1
≥ 900	92.8	99.0	99.3	99.7	99.9	99.9	99.9	99.9		100.4 100.4						
≥ 700	92.8	99.0	99.3	99.7	99.9	99.9	99.9	99.9		100.0						
≥ 600	92.6	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100-0	100.0	100.0	100.0	100.0	100,0	100-0
≥ 500 ≥ 400	92.4	99.0	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100-G	100.0	100.0	100.q	100-q	100.a	100-0
≥ 300 ≥ 200	92.4 92.4	99.0	99.3	99.7	99.9	99.9	99.9	99.9	99.9	100.0 100.0	100.0	100.0	100.0	100.a	100, q	100-0
≥ 100 ≥ 0	92.4 92.4	99.0	99.3	99.7	99.9	99.9	99.9	99.9	_ : - 1	100.4 100.4					,,	

TOTAL NUMBER OF ORSERVATIONS ..

900

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRIPTE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

2

KSC SHUTTLE APT FL

υ**9−7**8

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

C E IL II								V (S)	BILITY STA	TUTE MILE	5						
PEE	T	≥10	≥6	≥ 5	≥ 4		22:	27	≥`	≥1.	≥`	≥ •	≥`•	≥ .	≥5 16 .	≥ .	≥0
NO CEI		65.0	66.	67.0		67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0		67.0	67.0
		80.1	82.1	82.4		82.4	82.4	82.4	62.4	82.4	82.4	82.4	82.4	82.4		82.4	82.4
≥ 180		80.7	82.7	83.0		83.0	83.0	83.0	83.0	83.0	83.Q	83.Q	83.0	83.0	83.0	83.0	83.0
≥ 160		81.0	83.0		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83,3	83.3
; ≥ 140		81.7	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84-1
≥ 120	000	84.2	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87,1	87.1
≥ 100		86.7	89.7	90.1	90.1	90 - 1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90-1
≥ 90	000	88.0	91.2		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
. ≥ 80		89.2	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
2 70	000	89.6	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 60	000	89.7	93.0	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
. ≥ 50	000	90.1	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4:	50C	90.4	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 40	000	90.8	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	96.9
≥ 3	500	91.0	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 30	000	91.0	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2		95.2	95.2
≥ 2:	500	91.2	95.1	95.7	95.7	95.8	95.6	95.8	95.8	95.	95.8	95.8	95.8	95.8	95.8	95.8	95.8
	000	92.2	97.1	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 18	800	92.2	97.4	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	94.2	98.3	98.3	98.3	00.3
	500	92.3	98.0		98.7	99.0	99.0	99.0	99.d	99.d	99.a	99.0	99.0	99.1	90.1	99.1	99.1
≥ 12	200	92.4	98.4	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.4	99.6
	000	92.4	98.7	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7		99.4	90.	90.4	97.0
ļ	900	92.4	98.4	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	20 0	- 22.0	27,00	77.9
	800	92.4	98.5	99.4	99.4	99.8	99.8	99.8	99.8	77.1	77.1	77.1	77.7	77.0	77.0	77,0	77.7
 _			98.8	99.4	99.6	99.9	99.9			99.9	99.9	77.5	77.0	77.7	*****	77,7	77.7
	700 600	92.4			99.0			99.9	99.9	77.3	77.7	77.7	99.9	100.0	100 · a		100.0
		92.4	98,8			99.9	99,9	99.9	99.9	77.7	77.7	77.7		100.0		100.0	
	500	92.4	98.	99.4	99.6	44.9	99.9	99.9	77.7	77.7	77.7	99.9	99.9	100 · a	100 · d	100.g	
	400	92.4	98.8	99.4	99.4	77.9	99.9	99.9	99,9	77.7	77.7	77.9	77.9			100 · d	
	300	92.4	98.4	99.4	77.0	99.9	99.9	99.9	99.9	77.7	77.7	99.9	99.9	100-0	100-a	100.a	r00 • d
_ ≥ :	200	92.4	98.6		99.6	99.9	99.9	99.9	99.9	77.9	77.7	99.9	99.9			100.q	
	100	92.4	98.6		99.6	99.9	99,9	99.9	99.9	77.9	77.7	99.9	99.9	100-0	100. q	700 · G	100-0
≥	0	92.4	98.4	99.4	99.0	99.9	99.9	99.9	99.9	79.9	99.7	99.9	99.9	100.0	100.q	100.q	100.0

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

2

KSC SHUTTLE APT FL

o9-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							v1511	BILITY STA	TUTE MILE	5						
FEET	≥10	≥6	≥5	≥ 4	≥ 3	≥2 . !	≥ 2	≥1.	≥1:	≥. ;	≥ .	≥ .	2	≥5 16	2.	≥0
NO CEIUNG ≥ 20000	70.0	59.1 76.4	59.7 77.2	60.1 77.9	60.4 78.4	78.2	78.3	60.6 78.3	60.6 78.3	60.7 78.4	78.4	60.7 78.4	60.7 78.4	60.7 78.4	60.7	60.7 78.4
≥ 18000 ≥ 16000	70.3	75.8	77.6	78.2	78.0	78.4	78.7 79.6	78.7 79.6	78.7	78.8 79.7	78.8 79.7	78.8	78.8	78.8 79.7	78.5	78 • 8 79 • 7
≥ 14000 ≥ 12000	72.9	79.7	80.4		81.0	81.8	81.9	81.9	81.9	82.0 85.3	82.0	82.0	82.0	82.0 85.3	82.0 85.3	82.0
≥ 10000 ≥ 9000	77.4	85.0	86.1	87.3	87.8 89.7	87.8	88.0	88.0	88.0	88.1 90.0	88.1 90.0	90.0	90.0	88.1 90.0	88.1 90.0	88 • 1 90 • 0
≥ 8000 ≥ 7000	78.9 79.7	87.8	88.9	- :	90.7	90.7	90.9	90.9	90.9	91.0 92.0	91.0 92.0	91.0	91.0		91.0 92.0	91.0
≥ 6000 ≥ 5000	79.7	90.2	90.3		92.1	92.1	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4500 ≥ 4000	80.8	90.8	92.1	93.3	93.9	93.9	94.1	94.1	94.4	94.2	94.7	94.2	94.2	94.Z	94.2	94.2
≥ 3500 ≥ 3000	80.9	91.3 91.7	92.7	93.9	94.4	94.4	94.8	94.8	94.8	94.9 95.2	94.9	94.9	94.9	94.9 95.2	94.9	94.9
≥ 2500 ≥ 2000	81.3 82.1	92.2 93.8	93.6	96.3	95.3 96.9	95.3	95.7 97.3	95.7 97.3	95.7	95.4	95.8 97.4	95.8	95.8	95.8 97.4	95,8 97,4	95.8
≥ 1800 ≥ 1500	82.6 82.6	94.4	95.8	97.7	97.6	97.6	98.0 98.7	98.0	98.0	98.1 98.5	98.1	98.1	98.1	98.1 98.5	98.1 98.4	98.1
≥ 1200 ≥ 1000	82.8 82.9	95.1	96.7	98.0	98.6	98.6 98.8	99.0	99.0	99.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900 ≥ 80 0	82.9 82.9	95.3 95.3	96.9	98.2	98.8	98.8 98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.1	99,3	99.3
≥ 700 ≥ 600	83.0 83.0	95.4	97.0	98.4	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500 ≥ 400	83.0	95.6	97.1	98.4	99.0	99.0	99.6	99.6	99.4	99.7	99.7	99.1	79.7	99.7	99.7	99.7
≥ 300 ≥ 200	83.0	95.8	97.	98.6	99.3	99.3	99.8	99.9	99.9		100.0		100.0 100.0	100.0		100-0
≥ 100 ≥ 0	83.0	95.8	97.4	98.8	99.3	99.3	99.4	99.9	11.11		100-0			100.0		100.0 100.0

900

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLUGY BRANCH USAFETAC AIR JEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

KSC SHUTTLE APT FL

69-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEIUNG							v151	BILITY STA	TUTE MILE	5						
FEE7	≥10	≥6	≥ 5	≥ 4	≥3	27;	2.2	≥1.	≥1	≥1	≥	≥`•	≥ .	≥ 5 '6 .	2	≥0
NO CEILING ≥ 20000	53.9 73.4	57.1 78.0	57.1 78.0	I I	57.1 78.4	57.1 78.0	57.1 78.0	57.1 78.0	57.1 78.0	57.1 78.0	57.1 78.0	57.1 78.0	57.1 78.0		57.1 78.0	57.1 78.0
≥ 18000 ≥ 16000	74.0	78.6 79.4	78.6		78.0	78.6 79.7	78.6	78.6 79.7	78.6	78.6 79.7	78.6	78.6	78.6 79.7	78.6 79.7	78.6 79.7	78 • 6 79 • 7
≥ 14000 ≥ 12000	76.7 79,7	81.6 85.3	81.7	81.8 85.6	81.8 85.6	81.8	81.8 85.6	81.8 85.6	81.8 85.6	81.8 85.6	81.8	81.8	81.8 85.6	81.8	81.8	81.8
≥ 10000 ≥ 9000	81.7 82.1	88.8	88.9	88.2	88.2 89.0	88.2 89.0	88.2 89.0	88.2 89.0	88.2 89.0	88.2 89.0	88.2	88.2	88.2		88.2 89.0	88.2
≥ 8000 ≥ 7000	83.1 84.1	90.0		91.2	90.2	90.2	90.2	90.2 91.2	90.2	90.2	90.2	90.2	90.2 91.2	91.2	90.2	90.2
≥ 6000 ≥ 5000	84.2	91.1 91.3	91.2	91.7	91.3 91.7	91.3 91.7	91.3	91.3	91.3	91.3	91.3	91.7	91.3	91.3 91.7	91.3	91.7
≥ 4500 ≥ 4000	84.6	91.8		92.9	92.9	92.1	92.1	92.9	92.1 92.9	92.1 92.9	92.1 92.9	92.9	92.1	92.9	92.9	92.9
≥ 3500 ≥ 3000	84.9	93.0	92.8	93.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.3	92.9	92.9
≥ 2500 ≥ 2000	85.7	93.3	93.6	96.9	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	97.0	97.0	93.8
≥ 1800 ≥ 1500	89.0	98.7	98.4		99.d	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	99.1	98.7
≥ 1200 ≥ 1000	89.2 89.2	98.8 98.8	99.0	1 1 1 7	99.1	99.1	99.1	99.1	99.1	99.1 99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 900 ≥ 800	89.3	99.0		99.3	99.3	99.3	99.2 99.3	99.2	99.2	99.3	99.2	99.2 99.3	99.4	99.4	99.4	99.4
≥ 700 ≥ 600	89.4	99.4	99.0	1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500 ≥ 400 ≥ 300	89.6	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	
≥ 200	89.6	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100. g	100-0
≥ 100 ≥ 0	89.6	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		100.0		

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

GLOBAL CLIMATGLOGY BRANCH USAFETAC AIR HEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

2

KSC SHUTTLE APT FL

69-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEIUNG						-	¥151	BELITY STA	TUTE MIL	ES						
FEET !	≥ 0 :	≥ 6	≥5	≥4	≥ 3	≥?.	≥ 2	≥ì.	21.	. ≥\	≥ .	2	2	25 16	2 .	≥0
NO CEILIN'S ≥ 20000	70.3	51.6	79.2	51.6 79.2	51.6	51.6	51.6 79.2	51.6	51.6	51.6 79.2	79.2	51.6	79.2	!	51.6 79.2	51.6
≥ 18000 ≥ 15000	76.8	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	
≥ 14600 ≥ 12000	78.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1		82.1	82 · 1 85 · 0
≥ 10000 ≥ 9000	83.1	87.8	87.6	87.8 89.1	87.8	87.8	87.8	87.8	87.8	87.8 89.1	87.8	87.8	87.8	87.8 89.1	87.8	87.8 89.1
≥ 8000 ≥ 7000	84.3	90.3	90.4	90.4 91.2	90.4	90.4	90.4	90.4 91.4	90.4	90.4 91.2	90.4	90.4	90.4 91.2	91.2	90.4	90.4
≥ 6000 ≥ 5000	85.1 85.3	91.4 91.9	91.0	92.0	91.0 92.0	91.6 92.0	91.6	92.0	91.6		91.6 92.0	91.6	91.6	92.0	91.6	91.6 92.0
≥ 4500 ≥ 4000	85.7 85.7	92.4	92.9	92.9	92.0	93.0	92.6	92.6	92.6	92.6 93.1	93.1	92.6	92.6	93.1	92.6	92.6
≥ 3500 ± 3006	85.8	93.9	93.1		93.2	93.2	93.2	94.2	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
2506 2000	87.7	95.1	98.0		95.3	95.3	98.9	95.0	99.0	95.6 99.0	95.6	99.0	95.6	99.0	95.6 99.0	99.0
900 (2 1500	90.1	99.0	99.1	99.0 99.1	99.1	99.1	99.4	99.4	99.4	99.6	99.4	99.4	99.6		99.6	99.4
2 1200	90.1	99.2	99.4	99.4	99.0	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 800 2 700	90.1	99.2	99.	99.	99.4	99.6	99.4	99.9	99.9	99.9	99,9	99.9	99.9	99.9	99,9	99.9
> 700 > 600	90. i	99.2	99.	99.4	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0		100.0		100.0
2 300	90.1	99.2	99.	99.4	99.6	99.6	99.4	99.9	99.1	100.0				100.q		100.0
≥ 100	90.1	99.2	99.4	99.4	99.6	99.6	99.4	99.9	77.1	100.4		100.0		100.0		100.0
2 0	90.1	99.2	99.4	99.4	99.0	99.6	99.4	99.9	99.5	100.Q	100.0	100•q	100.0	100.d	100.0	100.0

SAF ETAC JULIA 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE ORIGINATE

GLOBAL CLIMATOLUGY BRANCH USAFFTAC AIR SEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 KSC SHITTLE APT FL

(9-76

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1500-1700

CERINO							• iS'I	81, 11 514	TUTE 44.8	5						
· FEET	≥1₹	≥6	≥ 5	≥ 4	ذ ≤	≥2.	e:	31	٤ .		2 •	2 ,	2 .	≥5 6	≥ .	≥0
NO CEILING ≥ 20000	44.9	47.0	47.0	47.0	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 18000 ≥ 15000	72.3	75.4	75.4	75.4	75.6	75.6 76.1	75.8	75.8	75.8	75.8 76.3	75.8 76.3	75.8 76.3	75.8 76.3	75.8 76.3	75.8 76.3	75.8
≥ 14000 ≥ 12000	74.2	77.7	77.7	77.7	77.8	77.8	78.0 82.4	78.0	78.0	78.0 82.4	78.0 82.4	78.0 82.4	78.0 82.4	78.0 82.4	78.0 82.4	78.0 82.4
≥ 10000 ≥ 9000	80.9	87.1	87.1	87.1	87.4	90.3	87.4	87.4	87.4	87.4 90.4	90.6	87.4	90.4	90.6	87.4	87.4
≥ 8600 ≥ 7000	83.7	92.9	92.9	92.9	93.0	93.0		93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 6000 ≥ 5000	83.9	93.3	93.3	93.3	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4500 ≥ 4000	84.4	94.3	94.9	94.3	94.4	94.4		94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500 ≥ 3000	84.9	95.2	95.4	95.4	95.0	95.6		95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500 ≥ 2000	85.8	96.8	97.0	97.0	97.2	97.2	97.4	97.4	97.4	97.4 100.0	97.4	97.4	97.4 100.0	97.4	97.4	97.4
≥ 1800 ≥ 1500	86.7	98.9	99.3	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.d	100.0	100.d	100.0	100.0
≥ 1200 ≥ 1000	86.7	98.9	99.3	99.3	99.6	99.6	99.8	99.9		100.0 100.0						
≥ 900 ≥ 800	86.7	98.9	99.3	99.3	99.6	99.6	99.8	99.9		100.0			1	,	100.0	
≥ 700 ≥ 600	86.7	98.9	99.3	99.3	99.6	99.6	99.8	99.9	99.9	100.0			1		100.0	
≥ 500 ≥ 400	86.7	98.9	99.3	99.3	99.6	99.6	99.8	99.9	99.9	100.0		1	- · · - I		100.0	
≥ 300 ≥ 200	86.7	98.9	99.3	99.3	99.0	99.6	99.8	99.9	99.9	100.0 100.0			,	(100.0	
≥ 100 ≥ 0	86.7	98.9	99.3	99.3	99.6	99.6	99.8	99.9		100.0			• - •			

TOTAL NUMBER OF OBSERVATIONS.

900

USAF ETAC TOTAL 0+14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC 2

AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL

09-76

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PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1800-2000

CEILING							v 151	BILITY STA	TJ°E ₩.(f	5						
FEET	≥10	26	≥ 5	≥ 4	2-3	22	2:	≥ .	≥: .	21	≥ •	≥ .	2 ,	25 16	٤٠,	≥0
NO CEILING	47.6 71.1	49.7	49.4	49.2	49.2	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 19000 ≥ 16000	71.1	74.2	74.3	74.3	74.3	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 14000 ≥ 12000	72.9	76.7	76.8	76.8	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 1000C ≥ 900C	77.6		84.1	84.1	84.1 87.1	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 8000 ≥ 7000	80.6	89.2	88.	88.7	88.7 89.4	89.6	89.8		89.0	89.0 89.8	89.0	89.0 89.8	89.0	89.0	89.0	89.0 89.8
≥ 6000 ≥ 5000	81.6	90.1	89. 90.	89.7 90.3	89.7 90.3	89.8 90.4	90.0	90.7	90.0	90.7	90.0	90.0	90.0	90.0	90.0 90.7	90 • 0 90 • 7
≥ 4500 ≥ 4000	82.3 82.9	91.9	91.2	92.3	91.2	91.3	91.6	92.7	91.6	92.7	91.0	91.6	91.6	91.6	91.6	91.6 92.7
≥ 3500 ≥ 3006	83.4 84.6	97.6	93.0	94.7	93.3	93.4	93.7	93.7 95.0	93.7	93.7	93.7	93.7	93.7	93.7 95.0	93.7 95.0	93.7 95.0
≥ 2500 ≥ 2006	85.6 86.2	95.0	95.6	97.8	96.2 98.0	96.3	96.7 98.4	96.7	96.1	96.6	96.6	96.6	96.6	96.8	96.8	96.8
≥ 1800	86.2	97.7	97.6	98.2	98.4	98.6	98.9	98.9	98.9	99.6	99.6	99.0	99.0	99.8	99.0	99.0
≥ 1200 ≥ 1000	86.3 86.3	97.8 97.9	98.7	99.0 99.1	99.4 99.4	99.6	99.9	99.8		100.0						
≥ 900 ≥ 800	86.3	97.9	98.7	99.1	99.4	99.6	99.9	99.9	99.9	100.0 100.0	100.0	100.0	100.0	200.0	100.9	100.0
≥ 700 ≥ 600	86.3	97.9	98.7	99.1	99.4	99.6	99.9	99.9	99.4	100.0	100.q	100.0	100.g	100.g	100.q	100.0
≥ 500 ≥ 400 ≥ 300	86.3	97.9	98.	99.1	99.4	99.6	99.9	99.9	99.9	100.0	100 · Q	100-0	100.g	100.0	100.Q	100-0
≥ 200	86.3	97.9	98.	99.1	99.4	99.6	99.9	99.9	99.9	100.0	100 · q	100.0	100.q	100.0	100. d	100.0
≥ 100 ≥ 0	86.3	97.9	98.	99.1	99.4	99.6	99.9	99.9		100.0		1				

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS . ARE DISOLETE

GLOBAL CLIMATOLOTY BRANCH USAFRTAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12869 KSC SHITTLE APT FL

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SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

'ELING							+151	BILITY STA	TUTE MILE	5						
! FEET !	≥10 '	≥6	≥ :	≥ 4	: s	≥2.	2: 1	≥'·	≥1.	≥:	≥ .	≥ .	≥ .	≥5 10	2 .	≥c :
NO CEILING	55.6 75.4	56.6 76.8	56.8 77.0	57.0 77.1	57.0 77.1	57.0 77.1	57.0 77.1	57.0 77.1	57.0 77.1	57.0 77.1	57.Q	57.0 77.1	57.0 77.1	57.0 77.1	57.0 77.1	57.0 77.1
≥ 18000 ≥ 16000	75.5 75.6	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.8	77.6	77.8	77.6	77.8	77.6	77.6 77.8	77.6
≥ 14000 ≥ 12000	76.8 79.1	78.6	78.9 81.4	79.0 81.5	79.0 81.5	79.0	79.0	79.0 61.5	79.0	79.0 81.5	79.0 81.5	79.0	79.0 81.5	79.0 81.5	79.0 81.5	79.0 81.5
≥ 10000 ≥ 9000	83.2 84.6	86.1	86.4 88.2	86.5	86 • 5 88 • 3	86.5	96.5 88.3	86.5 88.3	86.5	86.5	86.5	86.5 88.3	86.5	86.5	86.5 88.3	86.5 88.3
≥ 8000 ≥ 7000	85.9 86.2	89.5 90.2	89.9 90.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0 90.7	90.7	90.0 90.7	90.0	90.0	90.0 90.7
≥ 5000 ≥ 5000	86.4	90.4	90.8	90.9	90.9	90.9 91.5	91.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4500 ≥ 4000	87.5	92.9	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	93.3	92.4	93.3	92.4	93.3
≥ 3500 ≥ 3000	88.9	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5 95.8
≥ 2500 ≥ 2000 ≥ 1800	90.0	96.2	96.6 97.8	96.7 97.9 98.6	98.2	96.8 98.2 98.9	96.9 98.4 99.1	96.9 98.4	96.9 98.4	96.9 98.4	96.9 98.4 99.1	96.9 98.4 99.1	96.9 98.6 99.2	96.9 98.6 99.2	96.9 98.6 99.2	96.9 98.6
≥ 1500 ≥ 1200	90.3	98.8 98.9	99.1	99.2	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1000 ≥ 900	90.3	98.9	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
2 800	90.3	98.9	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100-0	100.0	100.0	100.0
. ≥ 600	90.3	98.9	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9		100.0		00.0
≥ 500 ≥ 400 ≥ 300	90.3	98.9	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9		100.0	100-0		100-0
≥ 200	90.3	98.9	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9		99.9	00.0	100.0		
≥ 0	90.3	98.9	99.2	99.3	99.7	99.7	99.9	99.9	99.9	99.9				100.0		

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

2868 KSC SHUTTLE APT FL 69-76
PERCENTAGE FREQUENCY OF OCCURRENCE

SEP

FROM HOURLY OBSERVATIONS

S BO THE STATUTE MILES ≥10 1 ≥6 ≥5 ≥4 ≥3 ≥2. 2, 12, 21, 21, 24, 24, 2, 257, 24 54.2 56.5 56.6 56.7 56.4 56.8 56.8 56.8 56.8 56.9 56.9 56.9 56.9 56.9 56.9 56.9 ≥ 20000 > 18000 ≥ 16000 ≥ 14000 ≥ 12000 2 100ec ≥ 9000 - 75HM. : 6000 : 5007 9000 2 4500 2 4000 3500 ≥ 2500 ≥ 1800 ≥ 1200 ≥ 1000 2 800 ≥ 700 ≥ 500 500 400 300 100

TOTAL NUMBER OF OBSERVATIONS_

7199

USAF ETAC 1004 0+14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRETE

2

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR DEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 KSC SHITTLE APT FL

9-78

<u>OCT</u>

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

0000-0200

	JNG							¥15!	BI. TV STA	ITUTE MILE	15						
. •	ff '	≥10	≥ 0	≥5	≥ A	≥ 3	22.	≥?	2	≥. •	2	≥ .	≥ .	2	25 '6	2.4	≥0
	EILING MODE	59.9 72.4	61.3	61.3		61.3	61.3	61.3			61.3					61.3	61.3
	800G	72.5	74.4	74.4		74.4	74.4		74.4			74.4	74.4	74.4	74.4		74.4
2.1	5006	72.8	74.7	74.7	74.7	74.7	74.7		74.7	- 1		74.7	74.7		74.7	74.7	
	4000	73.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	
2:	200k)	75.9	77.8	77.8	77.8	77.8	77.8		77.8			77.8	77.R	77.8	77.8		77.8
_	0000	78.1	80.5	80.5		80.5	80.5	80.5		80.5		80.5					80.5
	9000	81.2	84.2	84.2		84.4		84.2				84.2				84.2	
***	8600 7000	82.8	86.1	86.1		86.1	86.1	86.1	86.1	86.1			86.1				86.1
		83.2	36.6	86.6		86.6	86.6		86.6		86.6				86.6		86.6
-	5000 °	84.2	87.5	87.5	87.5	87.5	87.5		87.5		87.5			87.5	87.5 89.6		87.5
	450C	87.3	91.0			91.0		91.0									91.0
	4000	89.6	93.4	93.4		93.4		93.4				93.4	93.4		93.4		93.4
	350C	90.4	94.6	94.6		94.8	94.8		94.8		94.8			94.8			94.8
_	300C	91.6	96.0	•••	- 1	96.2	96.2		96.2			96.2					96.2
	2500	92.6	97.5	97.5		97.7	97.7		97.7	97.7					97.7		97.7
. 2	2000	93.2	98.A	98.4		99.4		99.4		99.4		99.4	99.4	99.4	99.4		99.4
	1800	93.2	98.9	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5		99.5
2	1500	93.3	99.0	99.0	99.4	99.6	99.6	99.6	99.6	99.6		99.6	99.6	99.6	99.6	99.6	99.6
	1200	93.4	99.1	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
3	1000	93.4	99.2	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
-		93.4	99.2	99.2	99.6	99 • 8	99.8	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	
2	800	93.4	99.2	99.2	99.6	99.8	99.8	99.9		99.9	99.9	99.9	99.9	99.9	99.9		
2		93.4	99.2	99.2	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99,9	
≥	600	93.4	99.2	99.4	99.6	99.8	99.8	99.9		99.9	99.9	99.9	99.9		99.9		99.9
4	500 400	93.4	99.2	99.2		99.4	99.8	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.9	1
L		93.4	99.4	99.2		99.8	99.8		99.9		99.9						99.9
1 2	30C 20C	93.5	99.4	99.4	99.7	99.9	- ,				100.d			,			
		93.5	99.4	99.4	99.7	99.9					100.0						
1 2	100	93.5	99.4	99.4		99.9					100.0						
<u> </u>		73.3		,,,,		//		-00.4					- Juig				- 77-9

TOTAL NUMBER OF OBSERVATIONS.

930

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLUCY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12864 KSC SHUTTLE APT FL

69-78

UCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

(FilM)							• 57	8 . ** : *A	TUTE MIKE	ς						
FEET	210	≥6	25	≥ 4	23	22.	2:	≥ .	≥/ ,	<u> </u>	2 •	2	<u> -</u>	≥5 16	> .	≥0
NO TERMS	59.8	61.8	62.3	62.5	62.8	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.3	63.3
≥ 20000	70.3	72.9	73.4	73.7	73.8	73.8	74.0		74.1	74.1	74.1	74.1	74.2	74.2	74.4	74.4
≥ 18300	70.6	73.1	73.7	74.1	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.7	74.7
≥ 15/00	70.8	73.4	74.1	74.4	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.8	74.8	75.0	75.0
≥ '4000	71.7	74.3	74.9	75.2	75.3	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.9	75.9
± 12000	73.5	76.1	76.7	77.1	77.2	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.6		77,8	77.8
≥ 10000	76.1	78.8	79.4	79.8	79.9	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.5	80.7
≥ 9000	77.8	80.7	81.4	81.7	81.8	81.8	82.0	82.1	82.1	82.1	82.1	82.1	82.2			82.5
B 8000	79.7	83.2	83.9	84.2	84.3	84.3	84.5	64.6	84.6	84.6	84.0	84.6	84.7	84.7	84.9	84.9
≥ 7000	80.3	84.1	84.7	85.0	85.1	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.6		85.8	85.5
≥ 6000	81.2	84.9	85.4	85.9	86.0	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.4		86.7	86.7
2 5000	83.3	87.4	88.1	88.4	88.5	88.5	88.7	88.8	88.6	88.4	88.8	88.8	88.9		89.1	89.1
≥ 4500	84.2	88.4	89.0	89.3	89.5	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.9		90.1	
2 400C	86.1	90.4	91.3	91.6	91.7	91.7	91.9	92.0	92.0	92.0	92.0	92.0		92.1	92,4	92.4
≥ 3500	87.4	- ; ;	93.1	93.4	93.5	93.5	93.8	93.9	93.9	93.9	93.9	93.9	94.0		94.2	94.2
≥ 3000	88.2	93.4	94.3	94.7	95.2	95.2	95.4	95.2	95.5	95.5	95.5	95.5	95.6			95.8
≥ 2500	88.7	94.6	95.5	95.9	96.3	95.3	96.6	96.7	96.7	96.7	96.7	96.7	96.8			97.0
≥ 2000	89.0		97.1	97.5	98.0	98.0	95.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 1860	89.1	96.4	97.3	97.7	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.6			98.8
≥ 1500	89.5	96.9	97.7	98.2	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.0			99.2
≥ 1200	89.5	97.2	98.1	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.4	1 1 7 7	99.4	99.6
≥ 1000	89.5	97.2	98.1	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.4		99,6	99.4
2 900	89.5	97.2	98.1	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2		99.4	99.4	99.4
≥ 80C	89.5		98.1	98.5	98.9	98.9	99.1	99.4	99.2	99.2	99.2	99.2	99.4	99.4	77,4	99.4
2 700	89.5	97.2	98.1	98.9	98.9	98.9	99.1	99.4	99.2	99.2	99.2	99.2	99.4	99.4	77.4	99.4
≥ 600	89.5		98.1	98,5	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	77,9	99.4
≥ 500	89.6	97.3	98.2	98.6	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.5	77.3	77.7	99.7
≥ 400	89.7	97.5	98.4	98.4	99,1	99.2	99.5	99.6	99.6	99.6	99.4	99.6	77.	77.7	77,7	99.9
≥ 304.	89.7	97.5	98.4	98.8	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	77.			100-9
≥ 200	89.7	97.5	98.4	98.8	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	79.		100-0	
≥ 100	89.7	97.5	98.4	98.8	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	79.		100.d	
(2)	89.7	97.5	98.4	98.8	99.2	99.2	99.5	99.7	99.7	79.7	99.7	99.7	77.	77.5	100.0	100-0

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12863 KSC SHUTTLE APT FL

59-78

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS:

0600-0800

Fighers							• 54	S-1-TY STA	TUTE MILE	5						
·1.f	2 `	≥ 5	<u>.</u>	≟ 4	1.5	•:	2.	<u>.</u> '	≥ ' 4	≥ .	2 .	≥ ,	≥ .	≥510	2.	≥0
NO CEIDNO	44.4	49.6	50.0	50.1	50.6	50.9	51.4	51.6	51.4	51.7	51.7	51.7	52.2	52.2	52.2	52.
≥ 20000	59.4	65.9	66.6	66.9	67.2	67.4	68.0	68.2	68.2	68.3	68.3	68.3	68.7	68.7	68.7	68.
≥ 18000	60.1	66.3	67.0	67.3	67.5	67.8	68.4	68.6	68.6	68.7	68.7	68.7	69.1	69.1	69.1	69.
\$ 18000	60.2	66.5	67.1	67.4	67.7	68.0	60.7	68.9	68.9	69.Q	69.0	69.0	69.5	69.5	69.5	69.
≥ 14000	62.4	68.7	69.4	69.7	70.0					71.3		71.3				
≥ 12000	64.6	71.2	71.4	72.2	72.5	72.7		73.7	73.7		73.8	73.8	74.2	74.2	:	74.
≥ 100KB	66.2	73.4	74.1	74.4	74.7	74.9	75.7	75.9		76.0		76.0	76.5	76.5		
≥ \$100°.	68.4	75.6	76.2	76.6	76.9	77.1		78.1	78.1		78.2	_ \			78.6	
2 800C	70.1	77.8	78.5	78.8	79.1					80.4			80.9		80.9	
2 7000	71.5	79.5	80.1	80.4	80.8	81.0				82.0						
2 6HK	73.4	81.6	82.3	82.5	82.9	83.1				84.2						
2000	75.9	84.8	85.5	:	86.1	86.3				87.4						
3 4506	77.3			87.5						89.1		89.1		89.6		
≥ 4000	78.7	84.5	89.1	89.5						91.1						
≥ 3500	79.7	89.9	90.5	90.9						92.5						
≥ 3000	80.5	91.0	•	92.2				- 1	- 1	93.9	/			1	- 1	
≥ 2500	80.6		92.2	92.6	93.0	93.2				94.3						
3 500C	81.4	93.4	94.3	95.1	95.5	95.7	1			96.8		,				
1800	81.4	93.4	94.4	95.2	95.6	95.8				97.1			97.5			
2 1500	81.4	93.4	94.4	95.2	95.6	95.8				97.1		97.1	97.5			- •
≥ 120€	81.5	93.9	94.8	95.6	96.0	96.2		97.2		97.5						
± 1000	81.6	94.0	94.9	95.7	96.1	96.3	97.1			97.6			98.1		98.1	
.: 900	81.4		94.9	95.1	96.1	96.3			97.3		97.6		98.1			
≥ 800	81.4		95.1	95.8	96.2	96.3		97.4	97.4		97.7			98.2		
≥ 700	81.7	94.2	95.2	95.9	96.3	96.6			97.5		97.8		90.3			
≥ 600	81.8	94.4	95.4	96.1	96.4	96.5	1	97.7	97.7		1			98.5		
	81.9	94.6	95.0	96.3	96.8	97.0		98.1	98.1		98.4		98.4		68.4	- 40
≥ 500 ≥ 400	81.9	94.6		96.7			98.3	98.7	98.7					99.5	99.5	00
300	81.9	94.6		96.6			98.4	98.9	98.9				96.3	66.2	66.2	77
2 200	81.9		95.8		97.2	. 7 1	98.4	98.9	94.9	79.4	99.4	40.4	94.0	99.9	100.0	100
		94.6		96.8	97.2		98.4		78.4		99.4	40.4		99.9		
≥ 100 ≥ 0	1	_ ` 7 3	77.9	- a - a			1					97.4		1		
	81.9	94.6	77.4	90.4	97.2	97.4	98.4	98.9	78.7	79.4	99.4	99.4	77.7	99.9	100.0	100

TOTAL NUMBER OF OBSERVATIONS.

930

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

GLOBAL CLIMATOLDGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

KSC SHUTTLE APT FL

69-78

ÜÇT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEIUNG							V (5)	BILITY STA	TUTE MAL	F.S.						
' FEET	≥10	26	≥ 5	2.4	≥ 3	≥2.	3.2	≥ .	≥1.	≥1	2.4	≥',	<u> </u>	≥5 16	<u> </u>	≥0
NO CEILING	48.4 64.1	51.1 67.3	51.1	51.1 67.3	51.1	51.1 67.3	51.1 67.3	51.1	51.1	51.1 67.3	51.1	51.1	51.1		51.1 67.3	51.1
≥ 18000 ≥ 18000	64.2	67.5				67.5	67.5	67.5	67.5		67.5	67.5	67.5		67.5	67.5
≥ 14000 ≥ 12000	70.1	71.0	71.0	74.1	71.0	71.0	71.0	74.4	71.0	71.0	71.d	71.0	71.0	71.0	71.d 74.1	71.0 74.1
5 100A0C	72.0	77.7	76.3	76.3	76.3 77.7	76.3	76.3 77.1	76.3 77.7	76.3	76.3	76.3	76.3 77.7	76.3 77.7	76.3 77.7	76.3	76•3 77•7
≥ 8000 ≥ 7000	75.7 77.0	82.2	80.5	80.5	82.2	80.5	80.5 82.2	80.5	82.2	80.5	80.5	80.5	82.2	82.2	80.3	80.3
≥ 6000 ≥ 5000	81.8	88.0	85.1	85.1	88.0	88.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500 ± 4000 ≥ 3500	83.0 85.1 86.2	91.9	92.0	89.6 92.0	92.0 93.5	89.6 92.0	89.7 92.2 93.7	89.7 92.2 93.7	89.7 92.2 93.7	89.7 92.2 93.7	89.7 92.2 93.7	89.7 92.2 93.7	89.7 92.2 93.7	89.7 92.2 93.7	89.7 92.2 93.7	92.2
≥ 3000	86.9	94.2	94.4	94.4	94.4	94.4	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	88.5	96.8	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500 ≥ 1200	88.9	97.5	97.8	98.0	98.1	98.3	98.4	98.2	98.2	98.2	98.5	98.5	98.3	98.3	98.3	98.3
≥ 1000	88.9	98.1	98.4	98.5	98.0	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	89.0	98.5	98.7	98.6	98.9	98.9	99.2	99.0	99.0	99.0	99.4	99.4	99.1	99.4	99.5	99.5
≥ 500	89.0	98.5	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.8	99.4	99.4
≥ 400 ≥ 300 ≥ 200	89.0 89.0	98.5	98.9	99.0	99.4	99.4	99.7	99.8	99.8	99.8	99.9	99.9	77.7	99.9	100.0	100 · q
≥ 100 ≥ 0	89.0 89.0		98.9	99.0	99.4	99.4	99.7 99.7	99.8	99.8	99.8 99.8 99.8	99.9	99.9	99.9 99.9 99.9	99.9	100.0 100.0	100 · a

TOTAL NUMBER OF OBSERVATIONS,

930

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR NEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1,868

2

KSC SHUTTLE APT FL

59-78

<u>"UC T</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEIUNG							visil	BILITY STA	TUTE MILE	5						
FEET	≥10	≥6	≥ 5	≥ 4	23	≥2 .	2.7	≥1:	≥: .	≥1	≥.	≥ .	≥.	≥516	₹.	≥(
NO CEILING	46.5	47.6	1.47.3	47.6	47.6	47.6	47.6	47.6	47.6 68.0	1	47.6 68.0				47.6	
, ————	66.5	68.0		68.0	68.0	68.0	68.0	68.0	68.0	68.G	68.0	68.0			68.0	
≥ 18000	66.5	68.0		69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0			,	
≥ 14000	69.0	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8		70.8	70.8
≥ 12000	71.1	72.8	1	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8			72.0	
≥ 19090	74.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2			76.2	
≥ 9000	76.1	78.4	78.4	78.4	78.4	78.4	75.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	. 3
≥ 8000	78.3	80.8		80.8	80.8	80.8	80.8	8.08	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 7000	79.5	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	1	82.2	82.2	82.2	82.2	82.2	82.2
> 6000	81.4	84.	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.0	84.6	84.6	84.6	84.6	84.0
± 5000	82.9	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 450C	84.7	88.4	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1		89.1	89.1	89-1
≥ 4000	85.9	90.5	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3500	87.3	92.0	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92,3	
≥ 3000	88.3	93.4	93.5	93.5	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9		93.9	
≥ 2500	89.1	95.1	95.2	95.3	95.5	95.5	95.3	95.5	95.5	95.5	95.5	95.5	95.6		95,6	
≥ 2006	90.8	97.2	97.3	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8				
≥ 1800	91.1	98.0	98.1	98.3	98.5	98.5	98.5	98.6	98.4	78.7	98.7	98.7	98.	78.0	78.8	
≥ 1500	91.3	98.2	98.3	98.5	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0		99.1	99,1	
≥ 1200	91.3	98.3	98.5	98.4	99.1	99.1	99.2	99.4	99.4	99.5	99.5	99.5				99.6
≥ 1000	91.3	98.3	98.5	98.8	99.1	99.1	99.2	99.4	99.4	99.5	99.5	99.3			77.6	
≥ 900	91.3	98.3	98.5	98.8	99.1	99.1	99.2	99.4	77.4	99.5	99.5)		99.6	1 ::::
≥ 800	91.3	98.3	98.5	98.8	99.2	99.2	99.4	99.5	79.5	79.6	97.6			99.7	99,7	***
≥ 700	91.3	98.3	98.2	98.4	99.4	99.4	99.5	99.6	99.4	99.7	99.7	99.7	77.	77.5	77.5	99.8
≥ 600	91.3	98.3	98.3	98.4	99.5	99.5	99.6	99.7	77.7	79,5	99.8	99.8	79.9	77.9	77.7	77.7
≥ 500	91.3	98.3	98.7	98.8	77.5	99.5	99.7	99.8	77.5	99.9	99.9		100-0			100.0
≥ 400	91.3	98.3	78.3	98.8	77.5	77.3	99.7	99.8	77.5	99.9	77.9		100-0		100.0	100 • G
≥ 300	91.3	98.3	78.5	98.8	77.5	77.5	99.7	99.4	77.	99,9	77.9		100.0			100.0
≥ 200	91.3	98.3	98.3	75.8	99.3	77.3	99.7	99.5	77.	77.7	77.9		100-0			100-0
≥ 100	91.1	98.3	98.3	95.4	77.5	99.3	99.7	77.8	77.5	79.9	77.9					100.0
≥ 0	91.3	98.3	98.9	95.4	77.5	77.5	99.7	99,	77.5	77.7	77.9	99.9	100.0	100-0	100.0	100-0

TOTAL NUMBER OF OBSERVATIONS.

930

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR JEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL

o9-78

UCT_

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1500-1700

CEILIN								VISI	BILITY STA	STUTE MILE	5						
FEE?	!	2:0	≥6	≥ 5	≥ 4	≥ 3	≥2;	≥ 2	≥i.	<u>≥</u> 1.	2	≥ .	≥`,	≥ :	≥5 16	2.	≥0
NO CEIU	• •	44.2	45.6			7	45.6					45.6	45.6			1	
≥ 2000		62.7	65.3	65.3		65.3	65.3	65.3		65.3	65.3	65.3	65.3				
≥ 1800	i	62.7	65.3	65.3	65.3		65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3		65.3	65.3
≥ 1500	00	63.0	65.7	65.	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ '400	!	65.5	68.2	68.2	68.2	68.2	08.3	63.2	68.2	68.2	68.2	68.2	68.2			;	68.2
≥ 1200	90 !	67.5	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70,4	70.4
≥ 1000		72.3	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.7
: ≥ 900	00 '	74.9	79.1	79.4	79.2	79.2	79.2	79.2	79.2	79.4	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 800	00	77.5	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ /00	00	78.4	64.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
2 600	00	80.8	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
2 500		82.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 450	oc i	82.9	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.4	90.6	90.6
. 400		84.1	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0		92.d	92.0	92.0			92.0
≥ 350	xo !	85.4	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8		93.8	93.8	93.8
; ≥ 300		86.5	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	1
≥ 250		87.5	95.8	96.	96.5	96.6	96.6			96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
₹ 200		88.2	97.0	97.5		98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 180		88.3	97.6			98.0	98.6	98.6	98.6	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 150		88.3	98.1	98.6	1	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 120		88.4	98.4	99.0		99.5	99.3	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6		99.6
≥ 100		88.4	98.4	99.0		99.5	99.5	99.3	99.5	99.5	99.6	99.4	99.6	99.6		99.4	99.4
J		88.4	98.4	99.0		99.4	99.3	99.3	99.5	99.5	99.6	99.6	99.4	99.6	99.6	99.4	
2 80		88.4	98.4	99.0	1 1	99.4	99.6	99.6	99.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8
ļ		88.4	98.6		99.6	99.8	99.8		99.8	99.4	99.9	99.9	99.9	99.9	50 6		
2 70							7.7	99.4				_ : * :1	77.7	1 2 7 2	77.7		100-0
		88.4	98.6	99.2	99.6		99.8	99.8	99.8	99.4	99.5	99.9	7707	99.9	7707		100-0
≥ 50	. 1	88.4	98.6	99.	99.6		99.8	99.	99.8	99.4	99.4	99.9	33.3	77.3	77.3		100 · q
≥ 40		88.4	98.6	99.	99.0	99.8	99.6	99.4	99.4	99.4	77.7	99.9	77.7	77.	7707		100 • d
≥ 30	- 1	88.4	98.6	99.2	99.6	99.8	99.8	99.5	99.4	99.4	99.9	77.9	99.9	77.9	99.9		100 · d
≥ 20	_	88.4	98.6		99.6	99.8	99.8	99.4	99.8	99.4	79.9	99.9	99.9	77.9	99.9		100 · Q
1 -		88.4	98.6		99.6	97.4	99.8	99.6	99.8	99.5	99.4	77.5	77.7	77.7	77.9		100 · a
2	0	88.4	98.6	99.2	99.0	99.8	99.8	99.	99.5	99.4	99.9	99.9	99.9	99.9	99.9	99.9	100.0

PROTEIN TATORES OF BREMIUM LATOR

930

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM AIR OBSOLETE

GLOBAL CLIMATOLUGY BRANCH USAFETAC AIR SEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

2

KSC SHUTTLE APT FL

9-76

ÜÇŢ

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEIUNG							v15:	BILITY STA	IIM STUTA	.E5						
FEE!	≥10	≥6	≥ 5	≥ 4	≥3	≥2:	≥ ?	æì.	≥; .	≥1	≥	≥ ,	≱ :	≥516	≥.,	≥0
NO CEILING ≥ 20000	50.5 64.7	52.9	52.9 67.5		52.9 67.5	52.9 67.5	52.9 67.5	52.9 67.5	52.9	52.9 67.5	52.9 67.5	52.9 67.5	52.9 67.5	52.9 67.5	52.9 67.5	52.9 67.5
≥ 18000 ≥ :6000	64.7	67.5	67.5 68.3	68.3	67.5	67.5	67.5	67.5	67.5	67.5 68.3	67.5 68.3	67.5 68.3	67.5 68.3	67.5	67.5 68.3	67.5
≥ 14000 ≥ 12000	66.3 68.9	72.6	69.5 72.6		69.5 72.6	69.5 72.6	69.5 72.6	69.5 72.6	69.5 72.6		69.5	69.5 72.6	69.5 72.6	69.5 72.6		
≥ 10000 ≥ 9000	72.3 75.1	76.8 80.2			76.8 80.2	76.8	80.2		76.8	80.2	76.8	76.8 80.2	76.8 80.2	76.8 80.2		80.2
≥ 8000 ≥ 7000	77.1 78.5	82.8 84.5	84.5	84.5	82 · 8 84 · 5	82.8	84.5	84.5	82.8	84.5	82.8	82.9 84.5	82.8	84.5	82.8	84.5
≥ 6000 ≥ 5000	80.3	86.3		88.2	88.2	86.3	88.2	88.2	86.3	88.2	86.3	86.3	86.3	86.3		88.2
≥ 4500 ≥ 4000	83.2	90.1	90.2	91.6	90.2	90.2	91.6	91.6	90.2	91.6	90.2	90.2	91.6	90.2	91.6	91.6
≥ 3500 ≥ 3000 ≥ 2500	85.8 86.8 87.2	92.9 94.1	93.0 94.2 95.3	93.0 94.3 95.4	93.0 94.3 95.4	93.0 94.3 95.4	93.0 94.3 95.4	93.0 94.3 95.4	93.0 94.1 95.4	93.0 94.3 95.4	93.0 94.3 95.4	93.0 94.3 95.4	93.0 94.3 95.4	93.0 94.3 95.4	93.0 94.3 95.4	94.3
≥ 2000	87.8	96.8		1	97.3	97.3	97.3	97.3	97.1	97.3 98.6	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500 ≥ 1500	88.5	98.6	98.8	99.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	88.6	99.0		99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	88.6	99.0		99.6	99.8	99.8	99.8	99.8	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	88.6	99.0	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	88.6	99.0		99.7			100.0			100.0	100.0		100.0		100.0	
≥ 200 ≥ 100	88.4	99.0	99.2							100.0			100.0	100.0		100.0
≥ 0	88.6	99.0	99,2	99.7	100.q	100.0	100.0	100-0	100.0	100.0	100-a	100.0	100.0	100.0	100.0	100.0

TAL NUMBER OF OBSERVATIONS

930

USAF ETAC 101.64 0-14-5 (OL. A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATGLORY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

KSC SHITTLE APT FL

59-78

UCT.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEIUNG							v:5	BLITY STA	LTUTE MILE	S						
FEET	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2;	≥2	≥ .	≥1 .	≥1 :	2 4	≥ .•	<u></u> ≥	≥5 16	≥ .	≥:
NO CEILING	57.5	5R.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	38.4	58.4	58.4	58.4
≥ 20000	68.2	69.2			69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4
≥ 18000	68.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ '8000 `	68.	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 14000	69.4	70.9	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.4
≥ 12000	71.1	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.5
≥ 10000	74.0	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.9	76.5	76.5	76.5	76.5
≥ 9000	77.1	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9		79.9	79.9
≥ 8000	79.7	82.8	82.8	82.6	82.8	82.8	82.8	82.8	82.4	82.8	82.8	82.8	82.8	82.8	82.4	82.5
≥ 7000	80.5	83.8	83.8	83.8	83.8	83.8		83.8	83.8	83.5	83.8	83.8	83.8	83.8	83,8	83.4
≥ 6000	82.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 5000	84.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4500	85.5	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4000	87.6	91.0	91.8	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.6	91.8	91.6	91.0
≥ 3500	89.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.3
≥ 300C	89.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	91.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.Q	96.0
≥ 2000	93.0	98.3	98.5	98.6	98.6	98.6	~	98.6	98.6	98.6	98.6	98.4	98.6	98.4	98.4	98.4
≥ 1800	93.3	99.0		99.4		99.4	99.	99.5	99.5	99.9	99.5		99.5	99.5	99.5	99.5
≥ 1500	93.4	99.2	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7		99.7
≥ 1200	93.4	99.4	99.7	99.8			100.0					100.0	100.d			100.0
≥ 1000	93.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0		100.d	100.0	100. q	100.0	100.d		
≥ 900	93.4	99.4	99.	99.8		99.9	100.0	100.0				100.d			100.0	100.0
≥ 800	93.4	99.4	99.7	99.8		7			100.0			100 · q		100.d		100-d
≥ 700	93.4	99.4	99.1	99.8			100.0				100.0	100 d	100.0	loo.d		100.0
≥ 400	93.4	99.4	99.7	99.								100.d		100.0		
≥ 500	93.4	99.4	99.	99.8			100.0		100.0			100.d				100.d
≥ 400	93.4	99.4	99.7	99.6		1						100.d				
≥ 300	93.4	99.4	99.	99.0								100.d			100.d	
≥ 200	93.4	99.4	99.7	99.								100.d				
> 100	93.4	99.4	66.	99.6	99.4							100.0				
≥ 100	93.4	99.4	99.7	99.8	1177							100.0				

TOTAL NUMBER OF OBSERVATIONS...

930

USAF ETAC 101 MA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRETE

GLOBAL CLIMATULOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

KSC SHUTTLE APT FL

59-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEIUNG							+151	BILITY STA	LT JTE MILE	5						
1661	≥10	≥6	≥ 5	≥ 4	≥3	≥2:	≥ /	≥'	2	≥ '	≥ .	≥ ,	2	25 16	2.	20
NO CEILING	51.4	53.5 68.8	53.6		53.8	53.8 69.1	53.9	53.9		53.9		53.9			54.0	
≥ 18000	66.2	68.9	69.1	69.2	69.2	69.3		69.4	69.2	69.4	69.4	69.4	69.5	69.5		
≥ 16000	66.6	69.5	69.6		69.8	69.8	69.3	69.9	69.9		69.9	69.9	70.0	70.0	70.Q	70.0
≥ 14000	68.1	71.1	71.2	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.4	71.6	71.6
≥ 12000	70.3	73.5	73.0		73.8	73.8	73.9	74.0	74.d	74.d	74.0	74.0	74.0	74.Q	74.1	74.1
≥ 10000	73.1	76.8	77.d		77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4
≥ 9000	75.5	79.5	79.7	79.7	79.8	79.8	79.9	80 d	80.d		80.0	80.0	80.1	80.1	80.1	80-1
≥ 8000	77.6	82.1	82.3		82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7
≥ 7000	78.7	83.3	83.5		- ,	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000	80.4	85.4	85.6		85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0
≥ 5000	82.2	87.6	87.8		88.0	88.d	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	
≥ 4500	83.5	89.2	89.4		89.6	89.6	89.8	89.8	89.8		89.8	89.8	89.9	89.9	89.9	89.9
≥ 4000	85.2	91.2	91.5	91.6	91.7	91.7	91.8	91.9	91.9	91.9	1	91.9	91.9	91.9	92.0	92.0
≥ 3500	86.4	92.7	93.0	93.1	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5
≥ 3000	87.3	93.9	94.2	94.3	94.9	94.9	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 2500	88.0	95.1	95.4	95.5	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 2006	89.0	96.8	97.2	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 1800	89.2	97.4	97.8	98.1	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 1500	89.3	97.6	98.0	98.3	98.5	98.6	98.7	98.4	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0
≥ 1200	89.4	97.9	98.3	98.6	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 1000	89.4	97.9	98.4	98.7	99.d	99.0	99.2	99.2	99.2	99.3	99.1	99.3	99,4	99.4	99.4	
≥ 900	89.4	97.9	98.4	98.7	99.d	99.d	99.2	99.2	99.Z	99.3	99.3	99.3	99.4	99.4	99.4	• • • •
≥ 800	89.4	98.0		98.8	99.0	99.1	99.2	99.3	99.7	99.4	99.4	99.4	99.5	77.5	99.5	99.5
≥ 700	89.4	98.1	98.5	98.8	99.1	99.2	99.3	99.4	99.4	77.4	99.5	99.5	77.5	99.5	99.6	99.6
≥ 600	89.4	98.1	98.2	98.9	99.2	79.2	99.4	99.4	99.4	77.5	99.5	99.5	<u> </u>	99.6	99,7	
≥ 500	89.5	98.1	98.4	98.9	97.3	99.3	99.5	77.4	77.4	77.6	77.7	77.7	77.7	77.7	99,8	1
≥ 400	89.5	98.1	78.4	99.0	99.1	99.4	99.4	79.7	77.7	79.0	75.4	77.5	77.7	77.7	99,9	
≥ 300	89.5	98.2	95.4	99.0	77.4	99.4	99.6	97.7	77.3	77.5	77.4	77. B	77.7	77.9	100-0	
	89.5	98.2	98.4	99.0	77.4	77.4	99.4	99.7	77.1	99,8	77.8	77.5	77.7	A	100.Q	
≥ 100	89.5	98.2	98.4	99.d		99.4	99.6	99.7	77.7	77.5	77.5	77.5	77.7		100.0	
≥ 0	89.5	98.2	98.4	97.0	99.4	79.4	99.6	97.7	77.7	79.5	99.8	99.8	99.9	77.7	100.0	100 • G

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USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLUMY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL

69-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG							.15	Billing 5TA	VT "E V E							
FEET	≥10	≥6	≥5	≥ 4	2.5	≥ 2.	2.7	2	2 .	≥ '	2 4	≥ .		25 6	2.5	2
NO CEILING	55.4	59.6	59.9		60.4			60.7		61.0		61.0			61.3	61.3
≥ 20000	63.6	68.1	68.6			69.1				69.8		69.7	70.2		70.3	70.3
≥ 18000	63.6	68.1	68.6			69.1	69.3				69.8	69.4	70.2	70.Z	70.3	70.3
! ≥ 16000	63.8	68.3	68.4		69.3	69.3	64.4	69.4	69.4	70.0	70.0	70.9	70.4	70.4	70,4	70.4
≥ 14000	64.1	68.7	69.2		69.8	69.8	70.Q	70.0	70.0	70.4	70.4	70.4	70.9	70.9	71.0	71.0
≥ 12000	65.7	70.7	71.2	71.4	71.6	71.8	72.0	72.0	72.0	72.4	72.4	72.4	72.9	72.9	73,Q	73.0
≥ 10000	67.9	73.4	74.1	74.3	74.7	74.7	74.9	74.9	74.9	75.3	75.3	75.3	75.8	75.6	75.9	75.9
≥ 9000	70.6	76.6	77.2	77.4	77.8	77.8	78.0	78.Q	78.0	78.4	78.4	78.4	78.9	78.9	79.0	79.0
≥ 8000	71.9	78.1	79.1	79.3	79.7	79.7	79.9	79.9	79.9	80.3	80.3	80.3	80.6	80.8	80.9	80.9
≥ 7000	72.6	78.9	79.9	BO.1	80.4	80.4	80.7	80.7	80.7	81.1	81.1	81.1	81.4	81.6	81.7	81.7
≥ 6000	73.9	80.3	81.3	81.6	81.9	81.9	82.1	82.1	82.1	82.6	82.4	82.6	83.0	83.0	83.1	83.1
≥ 5000	75.3	81.9	82.9	83.1	83.4	83.4	83.7	83.7	83.7	84.1	84.1	84.1	84.4	84.6	84.7	84.7
≥ 4500	77.8	84.6	85.6	85.9	86.2	86.2	86.4	86.4	86.4	16.9	86.4	86.9	87.3	87.3	87.4	87.4
′ ≥ 4000	79.6	86.8	87.8	88.1	88.4	88.4	88.7	88.7	88.7	89.1	89.1	89.1	89.4	89.4	89.7	89.7
≥ 3500	81.0	88.9	89.9	90.2	90.6	90.6	90.8	90.	90.4	91.2	91.2	91.2	91.7	91.7	91.8	91.0
∣ ≥ 3000	83.0	91.1	92.2	92.6	92.9	92.9	93.1	93.1	73.1	93.6	93.6	93.4	94.0	94.0	94.1	94.1
≥ 2500	83.8	91.9	93.0	93.3	93.7	93.7	93.4	93.9	93.4	94.1	94.3	94.3	94.8	94.8	94.9	94.9
2 2000	84.3	92.9	94.2	94.6	94.9	94.9	95.1	95.1	95.1	95.4	95.4	95.6	96.d	96.0	96.1	96.1
≥ 1800	84.6	93.2	94.6	94.9	95.2	95.2	95.4	95.4	95.4	95.9	95.9	95.9	96.3	96.3	96.4	96.4
≥ 1500	84.6	94.0		95.7	96.0	96.0	96.2	96.2	76.2	96.7	96.7	96.7	97.1	97.1	97.Z	
≥ 1200	84.7	94.3	95.	96.0	96.1	96.3	96.4	96.4	94.4	97.d	97.d	97.0	97.4	97.	97.6	97.6
≥ 1000	84.8	94.4	95.6	96.1	96.4	96.4	96.7	96.7	74.7	97.1	97.1	97.1	97.6	97.4		97.7
≥ 90C	85.2	95.6	96.9	97.2	97.4	97.6	97.1	97.8	97.4	70.7	90.7	6.40	98.7	98.7	94.4	98.8
≥ 800	85.2	95.7	97.0	1 7	97.7	97.7	97.9	97.9	97.4	94.3	94.1	98.3	98.8	98.4	98.9	98.7
≥ 700	85.2	96.0	97.1	97.7	98.0	98.0	98.2	61.3	- VA. 3	98.7	94.7	66.7	99.1	99.1	99.2	99.2
≥ 600	85.3	96.1	97.4	97.8	98.1	98.1	94.3	98.1	94.3	98.5	98.8		99.2	99.3	99.3	99.3
> 500	85.4	96.3	97.7	98.0	98.1	98.3	92.4	60.4	64.2	99.0	99.0	99.4	66.4	66.4	00.4	99.4
≥ 500 ≥ 400	85.4	96.4	97	1 - 1 - 7	61.1	98.4	98.7			90.1	99.1			66.2	66.7	99.7
<u> </u>	85.4	96.4	97.	98.4	98.4	98.6	99.0	- 60 A	66.4	66.1	- 66. 3	66.4	99.3	66.3	100.4	
≥ 300	85.4	96.4	97.	98.4	98.4	98.6	99.0	99.4	22.4		2		99.4		100.d	
	85.4	96.4	97.1	98.4	70.4	98.4	99.0	47.V	57.U		- 22 - 3	7707	44.4	55.4	100.d	
≥ 100	85.4	96.4	97.8	,,	70.0	98.8		77.4	77.9		44.4	77.4	77.7			
	03.9	70.9	7/00	70.9	70.0	70.9	99.0	77.0	77.0	77.9	77.9	77.9	77.7	7707	100.4	100.0

USAF ETAC TULBA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBOURTE

2

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR !EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

KSC SHUTTLE APT FL

59-78

NUV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

EBUNG							viSI	BILITY STA	TUTE MIGE	ES.						
FEE:	≥10	≥6	≥ 5	≥ 4	≥3	22.	≥ .	≥i.	21.	≥:	2 .	≥ .	-	≥ 5 °e		20
NO CEUNO	54.3	58.4	59.1	59.7	59.9	59.9	60.4	60.6	60.6	60.8	60.8	60.A	61.3	61.3	61.9	62.3
≥ 20000	62.8	67.6	67.4	68.3	68.6	68.6	69.1	69.2	69.2	69.6	69.6	69.5	70.1	70.1	70.7	71.1
≟ 18000	62.3	67.6	67.8	68.3	68.6	68.6	69.1	69.2	69.2	69.6	69.6	69.6	70 -1	70.1	70.7	71 . L
≥ 16000	63.1	67.9	68.1	68.7	68.9	68.9	69.4	69.6	69.4	69.9	69.9	69.9	70.4	70.4	71.0	71.4
≥ 140X)	63.3	68.1	68.3	68.9	69.1	69.1	69.7	69.8	69.8	70.1	70.1	70.1	70.7	70.7	71.2	71.7
2 12000	65.0	69.9	70.1	70.7	70.9	70.9	71.4	71.6	71.6	71.9	71.9	71.9	72.4	72.4	73.0	73.4
≥ 10000	66.9	72.4	72.8	73.4	73.7	73.7	74.2	74.3	74.3	74.7	74.7	74.7	75.2	75.2	75.8	76.2
≥ 90(€	67.9	73.9	74.2	74.9	75.1	75.1	75.7	75.8	75.8	76.1	76.1	76.1	76.7	76.7	77.2	77.7
≥ 8000	69.3	75.6	75.9		76.8	76.8	77.3	77.4	77.4	77.8	77.8	77.8	78.3	78.3	78.9	79.3
2.790	69.7	76.1	76.4		77.3	77.3		78.0			78.3	78.3	78.9	78.9	79.4	
5000	70.4		77.9		78.8	78.8	79.3	79.4	79.4	79.8	79.8	79.8	80.3	80.3		81.3
. 5000	71.8	79.6	79.9		80.8	80.8	81.3	81.4	81.4	81.8	81.8	81.8	82.3	82.3	82.9	83.3
4500	73.9			83.3	83.4	83.6	84.1	84.2	84.2	84.6	84.0	84.6	85.1	85.1	85.7	86.1
	76.6	85.3	85.7	86.3	86.6	86.6	87.1	87.2	87.2	87.6	87.6	87.4	88.1	88.1	88.7	89.1
2 3500	78.6		87.8		88.8	88.8	89.3	89.4	89.4	89.8	89.8	89.8	90.3		90.9	91.3
3 3000	79.7		89.1	89.8	90.1	90.1	90.7		90.8			91.1	91.7			92.7
2500	80.1	89.4	89.9		90.9	90.9	91.4						92.4		93.0	
≥ 2000	81.9				93.4	93.4		94.1			94.4		95.0			
1800	82.0			_ 1	93.4	93.6			94.2				95.1	95.1	95.7	
± 1500	82.1			93.6	94.1	94.1				95.1				95.7		
≥ 120K	82.2				94.9	94.9		1	95.6				96.4			
≥ 1000	82.2			94.8	95.1	95.1		95.8					96.8			97.8
≥ 900 ≥ 800	82.3		94.3		95.3	95.3		96.Q		96.4	1	1	97.0			
	82.3		94.6		95.4		96.1	96.2					97.2		97.8	98.2
≥ 700 ≥ 600	82.3	94.3	95.0		96.d	96.g	1	96.7	96.7	97.1	97.1	97.1	97.7	97.7	98.2	1
	82.3	94.3	95.0		96.g			96.7	96.7	97.1	97.1	97.1	<u>97.7</u>	97.7	98.2	
≥ 500 ≥ 400	82.4	74.7	95.3	96.0	96.3	96.3	96.9		97.d		97.4	97.4	98.0		_ =	1
	82.4		95.7	96.3	96.8	96.8	97.3	97.4	97.4		97.9		98.4		99,0	
2 700	82.7	95.0	95.9	96.8	97.2	97.2	97.5	1	97.9	98.3	98.3	98.3	78.9		99.4	
	82.7	95.0	77.7	96.8	97.2	97.2					98.4		99.0		7.7	
≥ 100 ≥ 0	82.7	77.0	75.7	90.8	7/.2	77.2	97.5	1	97.9	78.4	98.4	98.4	79.0		11.0	100-0
	82.7	77.0	75.7	70.0	7/.2	97.2	97.8	97.9	77.7	98.4	98.4	98.4	77.0	77.0	79.6	100 • 0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL

69-70

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS:

0600-0800

CEUNG							v151	811.74 574	VILTE MILE	5						
: «EET	≥10	≥6	≥ 5	≥ 4	≥3	≥2.	2:	≥1.	≥, ,	21	≥ . }	≥',	2	≥5 '6	<u> </u>	≥0
NO CELING ≥ 20000	47.3	52.6 63.0		53.7	54.3 65.4	54.3	54.8	54.9	54.9 66.1	55.3	55.3	55.3	56.1	56.1 67.6		57.2 68.8
≥ 18000 ≥ 6000	56.9	63.3	64.4	65.0	65.8	65.8	66.2	67.1	66.4	67.0 67.7	67.0	67.7	67.9	;	68.3	69.8
≥ 14000 ≥ 12000	58.0	64.7	67.8	66.3	67.1	67.1	67.6	67.8	67.8	68.3	68.3 71.2	68.3	69.2 72.1	69.2 72.1	69.7	70.4
≥ 10000 ≥ 9000	61.7	69.4 70.8	70.0 71.3	71.2	72 · 1 73 · 4	72 · 1 73 · 4	72.7	72.9	72.9	73.4 74.8	73.4	73.4	74.3	74.3 75.7	74.8	75 • 6 76 • 9
≥ 8000 ≥ 7000	65.0	72.4	73.0	74.2	75.1	75.1 77.0	75.8	76 · 1 78 · 0	76 · 1 78 · 0	76.7 78.6	76.7 78.6	76.7 78.6	77.4	77.6	78.0	78.8 80.7
≥ 6000 ≥ 5000	67.1	76.7 78.2	77.2	78.4	79.3 81.0	79.3 81.0	80.0	80.3	80.3 82.0	80.9	80.9	80.9	81.8	81.8	82.2	83.0
≥ 4500 ≥ 4000 > 3500	69.6 71.2 72.9	79.6 81.7	80.2	81.4 83.7 86.1	82.3 84.6 87.0	82.3 84.6 87.0	83.0 85.3 87.8	83.3 85.7 88.1	83.3 85.7 88.1	83.9 86.2 88.7	86.2 86.7	83.9 86.2 88.7	84.8 87.1	87.1	85.2 87.6 90.0	0.68 E.88 90.8
2 3000 2 3000 ≥ 2500	73.6	85.3	86.0	87.3	88.2	88.2	89.0	89.3	89.3	89.9	89.9	89.9	90.8	90.8	91.2	92.0
2 1800	75.4	88.2	1	90.0	90.9	90.9	91.7	92.0	92.0	92.6	92.6	92.6	93.4	93.4	93.9	94.7
≥ 1500	75.9	89.3	90.0	90.8	91.7	91.7	93.1	92.8	92.6	93.3	93.3	93.3	94.2	94.2	94.7	95.4
≥ 900	76.4	89.8	90.4	92.0	92.9	92.9	93.8	94.1	94.1	94.8	94.8	94.8	95.7	95.7	96.1	96.9
≥ 800	76.7	90.9	91.6	93.1	94.2	94.2	94.9	95.4	95.4	95.9	95.9	95.9	96.8	96.8	97.2 97.4	98.2
≥ 500	76.7	91.1	91.8	93.3	94.2	94.3	95.4	95.4	95.4	96.2	96.2	96.2	97.g	97.g	97.4	98.2
≥ 400	76.7	91.2	91.9	93.4	94.7	94.8	95.7	96.0	96.0	96.7	96.7 97.d	96.7	98.3	97.8	98.2	99.0
≥ 100	76.7	91.3	92.0	93.6	94.8	94.9	95.9	96.2	96.2	97.3	97.3	97.3	98.7	98.7	99.2	100-0
2 0	76.7	91.3	92.0	93.6	94.8	94.9	95.9	96.2	96.2	97.3	97.3	97.3	98.7	98.7	77.2	100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

GLOBAL CLIMATOLECY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL

59-76

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PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

0900-1100

900

CEILING							v (\$1)	BILITY STA	TUTE MILE	5						
*EET	≥10	≥ 6	≥ 5	≥ 4	2 3	22.	27	اخ	≥`	ş·	≥ .	≥ ,	<u> </u>	≥ 5 %	≥ .	20 ;
NO CEIUNG :	49.0	51.9	51.9	52.0 65.6	52.0 65.6	52.0 65.6	52.0 65.4			52.0 65.6	52.0 65.0			52.0	- :	52.0
≥ 18000 ≥ 15000	62.1	65.8	65.8	66.1	66.1	66.1	60.1	66.1		66.1	66.1	-		66.1		66.1
≥ 14000 ≥ 12000	64.2	68.3 71.4	68.4	68.8 71.9	68.8 71.9	68.8	68.8 71.9	08.8		68.8	68.8	68.8	68.8		68.B	58.8 71.9
. ≥ 10000 ≥ 9000	69.0 70.1	74.0 75.2	74.1	74.4	74.4	74.4	74.4	74.4 75.8	74.4	74.4 75.8	74.4 75.8	74.4	74.4 75.8	74.4 75.8	74.4 75.8	74.4
≥ 8000 ≥ 7000	72.0 74.1	37.9	78.2 80.8	78.6	78.6	78.6 81.1	70.7	78.7	78.7	78.7	78.7	78.7	78.7 81.2	78.7 81.2	78.7	78.7 81.2
≥ 6000 ≥ 5000	77.3 80.1	83.9	84.3	84.7	87.8	84.7	84.8	84.8	84.8	87.9		84.8	84.8		84.8	
≥ 4500 ≥ 4000	80.4 81.4	88.6	87.9	88.2	88.3	88.3	90.0	90.0	90.0	90.0		90.0	90.0		90.0	90.0
≥ 3500 ≥ 3000	83.8	91.4	91.9	91.7	92.8 92.8	92.0 92.8	92.2	92.2	92.2	92.2	93.0	92.2	92.2	93.0	92.2	92.2
≥ 2500 ≥ 2000 ≥ 1800	85.6	92.3 93.8	92.8 94.2 94.3	94.8	95.2	95.3	94.0 95.4 95.6	94.0 95.4	94.0 95.4	94.0 95.4 95.6	95.4	94.0 95.4	94.0 95.4 95.6	94.0 95.4 95.6	94.0 95.4 95.6	94.0 95.4 95.6
≥ 1500	85.8	94.1	94.0	95.1	95.0	95.6	95.8	95.8	95.8	95.8	1	95.8	95.8	95.8	95.8	95.8
≥ 1000	86.4	95.4	96.0	96.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3 97.6	97.3	97.3	97.6	97.3	97.3
≥ 800	86.7	95.7	96.2	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	86.7	96.2	96.9	97.1	98.1	98.4	98.4	98.4	98.4	98.8	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	86.7	96.7	97.0	98.0	98.7	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 200	86.7	96.8	97.4	98.6	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	00.0
≥ 0	86.7	96.8	97.4	98.6	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8		00.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 100 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL

59-76 mm

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PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1200-1400

CEIUNG							Si	31.17 STA	JUTE MILE	5						
FEE:	≥10	≥ 6	≥:	- 4	23	2;	2 /	>	≥1 _	2	≥ 4	≥ -	2	≥ 5 ' 6	2.	2.
NO CEILING	51.3				= :	52.4			-	52.4			_	52.4		_
	67.9					69.2				69.2						
≥ 18000	68.4		70.1	70.1	70.1	70.1	70.1	70.1		70.1	70.1	70.1	70.1			
2 '6000	69.1	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8		70.8	70.8	70.8			
≥ 1400C	71.0		72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8				72.8
≥ 12000	72.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3		74.3	74.3	74.3		74.3	74.3
≥ 10000	74.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.A	76.8	76.8
. ≥ 9000	76.2	78.2	78.4	78.4	78.0	79.6	78.6	78.6	78.6	78.6	78.0	78.6	78.6	78.6	78.6	78.6
≥ 8000	77.9	80.4	80.7	80.7	80.8	80.9		80.8	80.8		80.8	80.8	80.8	80.8	80.8	80.8
≥ 7000	80.4	83.4	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	43.9
≥ 6000	83.0	86.4	86.8	86.8	86.9	86.9	80.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 5000	84.3	87.5	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500	85.1	89.2	89.6	89.6	89.7	89.7	89.7	39.7	89.7	89.7	99.7	89.7	89.7	89.7	89.7	89.7
≥ 4000	85.9	90.2	90.8	90.8	90.9	90.9	90.9	90.9	90.9		90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500	87.4		92.0	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3000	88.1	93.2	93.8	93.8	93.9	93.9	93.9	93.9	93.9			93.9	93.9	93.9	93.9	93.9
≥ 2500	89.	94.9	95.4	95.4	95.6	95.6	95.8	95.8	95.8	95.8	95.a	95.8			95.8	
≥ 2000	91.3	97.7	98.3	98.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7		98.7			
≥ 1900	91.	97.8	98.4	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8			98.8
≥ 1500	91.3	97.9	98.7	98.7	98.8	98.8	99.0	99.0	99.0			7		99.a		
≥ 1200	91.7	98.4		99.2	99.3	99.3	99.6	99.6	99.4	99.6				99.6		
≥ 1000	91.7	98.4	99.2	99.2	99.3	99.3	99.6	99.6	99.6					99.7		
≥ 900	91.		99.0		99.7	99.4	99.9	99.9	99.9					100.0		
≥ 800	91.8	1	99.6		99.7	99	99.9	99.9	99.9					100.0		
> 700	91.		99.6		99.7	99.	99.9	99.9	99.9					100.0		
≥ 700 ≥ 600	91.8		99.6		99.7	99.7	99.9	99.9	99.9	99.9				100.0		
	91.8		99.6		99.7	99.7	99.9	99.9	99.9					100.0		
≥ 500 ≥ 400	91.6		99.6	- 1	99.7	99.7	99.9	99.9	99.9	99.9						
	91.8		93.6	99.6	99.7	99.1								100 · d		
≥ 300 ≥ 200			, -	1			99.9	99.9	99.9					100.0		
<u> </u>	91.6	99.8	99.6	99.6	99.7	99.7	99.9	99.9	99.9		99.9			100 · q		
¥.	91.8		99.6		99.7	99.7	99.9	99.9	99.9					100-0		
2 0	91.8	98.8	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	97.9	100.0	100.q	100. a	100.0

TOTAL NUMBER OF OBSERVATIONS____

900

USAF ETAC - 104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATULUMY BRANCH USAFFTAC AIR FEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS:

| Security Statute wills | Security Statute wills | Security Statute wills | Security Statute wills | Security Statute wills | Security Statute wills | Security Statute wills | Security Statute wills | Security Statute wills | Security Statute wills | Security Statute wills | Security Statute wills | Security Statute wills | Security Statute wills | Security Statute wills | Security Statute wills | Security Statute wills | Security Statute wills | Security Statute wills | Security Statute wills | Security Statute wills | Security Statute wills | Security Statute wills | Security Statute wills | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statute will | Security Statu

20 20 20 20 20 20 20 20 20 20 20 20 20 2
67.7 69.4 70.0 70.0 70.0 70.0 70.0 70.0 70.0 70
2 8000 68.3 70.3 70.9 70.9 70.9 70.9 70.9 70.9 70.9 70.9
2 000
2 400 70.9 73.0 73.5 73.5 73.5 73.5 73.5 73.5 73.5 73.5
2 400 70.9 73.0 73.5 73.5 73.5 73.5 73.5 73.5 73.5 73.5
72.9 75.2 75.8 75.8 75.8 75.8 75.8 75.8 75.8 75.8
76.6 80.2 81.0 81.0 81.0 81.0 81.0 81.0 81.0 81.0
2 8000 78.5 83.0 83.8 83.8 83.8 83.8 83.8 83.8 83.8
2 100 80.0 84.6 85.4 85.4 85.4 85.4 85.4 85.4 85.4 85.4
200 87.4 88.2 88.2 88.2 88.2 88.2 88.3 88.4 88.4 88.4 88.4 88.4 88.4 88.4
83.d 88.7 89.4 89.4 89.4 89.4 89.5 89.7 89.7 89.7 89.7 89.7 89.7 89.7 89.7
2 45% 85.0 90.1 90.9 90.9 90.9 90.9 91.0 91.1 91.2 91.2 91.2 91.2 91.2 91.2 91.2
2 40% 85.9 91.7 92.5 92.5 92.5 92.5 92.7 92.8 92.9 92.9 92.9 92.9 92.9 92.9 92.9
2 3500 86.9 93.2 94.1 94.1 94.1 94.2 94.3 94.3 94.4 94.4 94.4 94.4 94.4 94.4
2 3000 88.7 95.4 95.4 95.4 95.4 95.4 95.4 95.5 95.7 95.7 95.8 95.8 95.8 95.8 95.8 95.8 95.8 95.8
2 2000 88.7 95.9 97.0 97.0 97.1 97.1 97.2 97.3 97.3 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4
2000 89.0 96.6 98.0 98.0 98.1 98.1 95.2 98.3 98.4 98.4 98.4 98.4 98.4 98.4 98.4 98.4
2 1800 89.1 96.7 98.1 98.1 98.2 98.2 98.3 98.4 98.4 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6
2 1200 89.1 96.4 98.2 98.2 98.3 98.4 98.4 98.4 98.6 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7
2 1200 89.1 96.9 98.3 98.3 98.4 98.4 98.7 98.9 98.9 99.0 99.0 99.1 99.1 99.1 99.1
2 000 89.1 97.3 98.8 98.8 99.1 99.1 99.3 99.6 99.8 99.8 99.8 99.9 99.9 99.9 99.9
≥ 80 89.1 97.3 98.8 98.9 99.2 99.2 99.4 99.7 99.7 99.9 99.9 99.9100.0100.0100.0100.0
≥ 70 89.1 97.3 98.8 98.9 99.2 99.2 99.4 99.7 99.7 99.9 99.9 99.9100.0100.0100.0100.0
= - 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
2 100 89.1 97.1 98.8 98.9 99.2 99.2 99.4 99.7 99.7 99.9 99.9 99.9100.0100.0100.01
2 46 89.1 97.3 98.4 98.4 99.2 99.2 99.4 99.7 99.7 99.9 99.9 99.9100.0100.0100.0100.0
2 300 89.1 97.3 98.8 98.9 99.2 99.2 99.4 99.7 99.7 99.9 99.9 99.9100.dl00.dl00.dl00.dl
200 89.1 97.3 98.8 98.9 99.2 99.2 99.4 99.7 99.7 99.9 99.9 99.9100.0100.0100.0100.01
89.1 97.3 98.8 98.4 99.2 99.2 99.4 99.7 99.7 99.9 99.9100-0100-0100-0100-0
2 0 89.1 97.3 98.8 98.9 99.2 99.2 99.4 99.7 99.7 99.9 99.9 99.9100.0100.0100.0100.0

USAF ETAC 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOCY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

KSC SHUTTLE APT FL

09-78

NDV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CERING							v 5:1	Bility STA	TU"E MILE	\$						
FE -	≥ 10	≥6	≥ 5	≥ 4	≥ 3	32.	≥;	≥:	≥ .	21	≥	≥ .	2	اِ ه' 5 ≦	2.	≥.
NO CEILING	51.9	52.9	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7
2 20000	65.7	68.1	68.7	68.7	68.7	68.7		68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 1800M	65.9	68.4	69.0	69.0	69.0	69.0	64.0	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 1800€	66.4	69.1	69.4	69.6	69.6	69.7	69.7	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 14000	68.2	70.8	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 12000	70.4	73.1	73.7	73.7	73.9	74.Q	74.0	74.Q	74.Q	74.2	74.2	74.2	74.2	74.2	74.2	74.2
200C	74.3	78.2	78.8	78.9	79.1	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
± v000	76.3	80.6	81.1	81.2	81.4	81.6	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.6
≥ 8000	78.3	83.2	83.8	83.9	84.1	84.2			84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4
2 7300	79.9		85.9	86.0	86.2	86.3			86.3		86.6	86.6	86.6	86.6	86.6	86.6
و 6000 ج	81.4	87.2	87.8	87.9	88.1	88.2	88.2	88.2	88.2	8B.4	88.4	88.4	88.4	88.4	88.4	88.4
₹ 5000	83.1	89.1	89.6	89.7	89.9	90.0		90.0							90.2	
> 4500	84.6	- :	91.3		91.7	91.8	91.8	91.5	91.4	92.0	92.d	92•Q	92.0		92.q	92.0
± 4000	85.9	92.8	93.3	93.6	93.4	93.9	93.9		93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3500	87.1	94.2	94.8	95.0	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.6	95.6	95.4	95.6
≥ 3000	88.0		95.8	96.0	96.2	96.3	96.3	96.3	96.3	96.6	96.6	96.4	96.4	96.6	96.6	96.6
≥ 250C	88.4	96.0	96.6	96.8	97.0	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	88.8	97.0	97.7	97.9	98.1	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	88.4	97.0	97.7	97.9	98.	98.2		98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	88.8		97.7	97.9	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.6		98.6	98.6
≥ 1200	88.8		97.9	98.1	98.3	98.4		98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
- ≥ 1000°	88.8		98.0	98.2	98.4	98.6	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 900	88.8		98.2	98.6	98.8	98.9	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99,4	99.4
2 80C	88.4	97.4	98.2	98.6	98.8	98.9	99.1	99.1	99.1			99.4	99.6	99.4	99,4	99.6
≥ 700	88.9	1	98.4	98.9	99.1	99.2	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99,9	99.9
≥ 600	88.9		98.6	98.9	99.4	99.3	99.6	99.6						100.Q		
≥ 500	88.9	97.8	98.6	98.9	99.2	99.3	99.6	99.6						100.d		
≥ 400	88.9		98.0	98.9	99.4	99.3	99.4	99.6						100.g		
≥ 300	88.9	1 - 1	98.6	98.9	99.2	99.3	99.6	99.6						100.0		
≥ 200	88.9	97.8	98.6	98.9	99.2	99.1	99.6	99.6						100.g		
≥ 100	88.9	97.8	98.6	98.9	99.2	99.3	99.6							100.0		
2 0	88.9	97.6	96.6	98.9	99.4	99.3	99.6	99.6	99.4	100-Q	100 · d	100 · d	<u> 100-q</u>	100-d	100.0	100-d
																

TOTAL NUMBER OF ORSERVATIONS

900

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

KSC SHUTTLE APT FL

59=78

<u> Mil</u>A

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS:

2100-2300

ERING							• 51	3, 7, 574	* ** ** E	`						
188*	≥10	≥6	≥5	24	23	2.7		•	3	:						
NOT ERRNO 2 20000	58.0	70.4	60.7							61.0 71.4						
≥ 18000 ≥ 15000	68.0	70.4	71.4	71.4	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.0	71.6		71
≥ 1400k ≥ 120k	68.7	71.1	71.6	71.9	71.9	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.2	ŤŽ.Ž	72.2	-
≥ 10000 ≥ 9000	73.8	77.2	77.9	78.0	78.1	78.1	76.2	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4
≥ 8000 ≥ 7000	77.2	81.6 83.7	82.2	82.3	82.4	82.4	82.6	82.7	82.7	82.7	82.7	82.7	R2.8		01,3 02.0	01:5
≥ 6000 = 5000	80.8	85.6	86.2	86.3	86.4	86.4	80.6	86.7	86.7	84.8	86.7	86.7	86.8			46.0
≥ 4500 ≥ 4000	82.8	88.0	88.7	88.8	88.9	88.9	89.0	69.1	89.1	87.7	89.1	89.1	89.2			\$7.2
≥ 3500 ≥ 3000		90.3	92.9	93.0	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3		93.4		93.4
≥ 2500 ≥ 2000	88.3	94.9	94.9	95.8	95.9	95.9	96.0	96.1	76.1	95.3	96.1	96.1	96.2			75.4
≥ 1800 ≥ 1500	89.0	96.0	96.8	96.9	97.q		97.1		97.2	97.2	97.2	97.2		97.3		97.3
≥ 1200 ≥ 1000	89.1	96.8	97.4	97.3	97.4	97.8	98.0		98.1	98.1	98.1	98.1	98.2	98.2	98.2	
≥ 900	89.3	97.4	98.2	98.3	98.2	98.2	98.7	98.8	98.6	78.8	98.8		90.9	70.7	98.7	98.9
≥ 800	89.4	97.9	98.7	98.8	98.9	98.9	99.4		99.4	99.6	99.6		99.4	33:4	99.4	99.7
≥ 500	89.6	98.2	99.0	99.1	99.2	99.3	99.7	99.0	99.7	99.7	99.7	99.7	7 3.\$	99.9	33.9	99.9
≥ 400 ≥ 300	89.6	98.3	99.2	99.3	99.4	99.4	99.7	99.9	99.9	99.9	99.9				99,9	00-0
≥ 100	89.6	98.3	99.2	99.3	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	00.0	00.0	00.0	00.0
≥ 0	89.4	98.3	99.2	99.3	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	00-Q	00.g	100.01	00.0

OTAL NUMBER OF OBSERVATIONS _______900

USAF ETAC 100 00 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868 KSC SHITTLE APT FL 69-78 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

							V-51	BILLIY STA	ATUTE MILE	s						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2;	22	≥1	<u>≯</u> 1 .	≥1	≥ .	≥ 、	2	≥5 '6 ;	2 .	≥0
ind final	52.1	54.8							55.7	1	- 1	55.8	56.0			
2 - 200	64.2	67.6				68.5	66.6		68.7		68.9	68.9	69.1			69.4
> 18000	64.5	68.0			68.8		69.0		69.1		69.3	69.3	69.5		69.4	69.8
, PUHA.	65.1	68.5						69.7			69.9		70.1		70.3	70.4
<u>≥</u> 4000	66.1	69.	70.1	70.4		70.6	70.7	70.8	70.8	71.d	71.q	71.9	71.2	71.2	71.4	- 1
2	67.9	71.9	72.3			72.8	73.0	73.0	73.0	73.2	73.2	73.2	73.5	73.5	73.6	73.8
- ***C	70.5	75.0	75.4	75.4	76.0	76.0	76.2	76.2	76.2	76.4	76.4	76.4	76.7	76.7	76,8	77.0
> > W	72.0	76.9				78.Q	78.2	78.3	78.3	78.5	78.5	78.5	78.7	78.7	78,8	79.0
≥ 8.4X	73.6	79.0	79.4	79.9	80.2	80.2	80.4	80.4	80.4	80.6	80.4	80.6	80.9	80.9	81.Q	81.2
2 Y/V P.	75.1	80.4	81.4	81.5	82.0	82.0	82.4	82.3	82.3	82.5	82.5	82.5	82.7	82.7	82.9	83.0
2 5.8	77.1	87.1	83.7	84.1	84.3	84.3	84.5	84.6	84.6	84.8	84.8	84.8	85.1	85.1	85.2	85.3
≥ 5°x(x	78.5	84.4	85.4	85.7	86.0	86.0	86.2	86.3	86.3	86.5	86.5	86.5	86.8	86.8	86.9	87.1
4.04	79.9	86.5	87.1	87.4	87.7	87.7	87.9	88.0	88.0		88.2	88.2	88.5	88.5	88.4	88.8
400	81.4	88.4	89.1	89.4	89.7	89.7	90.0	90.1	90.1	90.3	90.3	90.3	90.5	90.5	90.7	90.8
2 1500	83.0	90.	91.0	91.4	91.7	91.7	91.9	92.0	92.0		92.2	92.2	92.5	92.5	92.6	92.8
± 3000	84.0	91.7	92.4	92.8	93.1	93.1	93.3	93.4	93.4	93.6	93.6	93.6	93.9	93.9	94.d	94.2
2 2500	84.7	92.8	93.5	93.9	94.2	94.2	94.5	94.6	94.6	94.8	94.8	94.8	95.0	95.Q	95.2	95.3
2,000	85.7	94.	95.0	1		95.8	96.1		96.1	96.3	96.3	96.3	96.6	96.6	96.7	96.9
÷ 1800	85.7	94.3	95.2	95.6	95.9	95.9			96.3	96.5	96.5	96.5	96.7		96.9	97.0
2 1500	85.8	94.7	95.5	95.9	96.2	96.3	96.6		96.6		96.8	96.8	97.1		97.2	97.4
≥ 1200	86.0	95.2	96.1	96.5	96.8	96.8	97.1	97.2	97.2	97.4	97.4	97.4	97.7	97.7	97.	98.0
≥ 1000	86.1	95.4	96.2	96.7	97.0	97.0	97.4		97.5	97.7	97.7	97.7	98.0	98.d	98.2	98.3
≥ 900	86.2	95.8		97.1	97.5	97.5	97.8	97.9	97.9	98.2	98.2	98.2	98.5		98.4	98.7
≥ 800	86.2	95.4		97.3	97.7	97.7	98.0		98.1	98.4	92.4	98.4	98.7	98.7	98.4	99.0
> 700	86.3	96.2	97.1	97.6		97.9	98.3	98.4	98.4	98.7	98.7	98.7	98.9	90.4	99.1	99.2
≥ 600	86.1	96.2		97.6				98.5	78.5	98.7	98.7	98.7	99.0	99.0	99.2	99.1
≥ 500	86.1	96.3	97.	97.1	98.1	98.1	98.5	98.6	98.4	98.9	94.9	01.9	99.2	99.3	99.1	99.3
≥ 400	86.3	96.4	97.	97.6		98.3	98.7	98.8	98.	99.1	99.1	99.1	79.4	99.4	99.5	99.7
≥ 300	86.3	96.4	97.4	98.0		98.4	98.4	98.9	98.4	99.1	99.1	49.4	75.2	99.4	49.1	99.9
2 200	86.3	96.5		98.0		98.	98.9	99.0	99.d	99.1	99.3	99.3	99.7	99.7	99.3	100.Q
	86.3	96.3		78.0		98.3	98.9	99.0	99.0	99.3		99.3	99.7	99.4		100-0
≥ 100	86.3		,	" 1	1	98.5				99.3		99.3	99.7	99.7		100 · d
	0003	7003	7/07	7000	70.3	7003	70 6 7	7704	.,,,	7793	7798	7703			,,,,	- 44.4

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISSOLETE

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

2

KSC SHETTLE APT FL

69-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS;

0000-0200

CENING	1						¥15	BILITY STA	TUTE MILE	5						
FEET	≥10	≥6	≥ 5	≥ 4	23	27	≥ 2	2	≥1	≥1	≥ 4	≥ ',	≥ .	≥5 18	≥ .	≥0
NO CEILING ≥ 20000	54.8	57.5	58.0	58.4	58.8	58.8	59.2 66.1	59.2 68.1	59.2 68.1	60.1	60.2	69.0	60.3	60.3	60.5	
≥ 18000 ≥ 16000	63.8	66.7	67.0	67.4	67.8	67.8	68.4	68.4	68.4	69.1 69.2	69.2	69.2	69.4	69.4	69.6	. •
≥ 14000 ≥ 12000	66.0	67.3	67.7	69.8	68.6 70.2	68.6	69.0 70.8	69.0 70.8	70.8	69.9 71.7	70.0 71.8	70.0	70.1 71.9	70.1	70.3	72.7
≥ 10000	68.7 70.8	71.6	72.0	72.6	73.0 75.5	73.0	73.5		73.5 76.0	74.5	74.6	74.6	74.7	74.7	74.9	78.1
≥ 8000 ≥ 7000	72.9	76.5	76.9	77.6	78.1 78.4	78.1 78.4	78.6	78.9	78.6	79.9	79.7 80.0	79.7 80.0	79.8 80.1	79.8 80.1	80.0	81.0
≥ 6000 ≥ 5000	74.7	78.9	78.9	79.7 81.1	81.5	81.5	80.6 82.0	82.0	80.6	83.0	81.7	81.7	81.8	83.2	82.0	84-1
≥ 4500 ≥ 4000 ≥ 3500	77.8	81.8 83.8	82.3 84.2 86.9	83.0 84.9 87.6	85.4 88.1	83.4 85.4	84.0 85.9 88.6	85.9	84.0 85.9 88.6	84.9 86.9 89.6	87.0 87.0	85.1 87.0	85.2 87.1	87.1	85.4 87.3 90.0	88.0
≥ 3000	82.6	88.0	88.4	89.1	89.6	89.6	90.1	90-1	90.1	91.1	91.2	91.2	91.3	91.3	91.5	92.2
≥ 2000	85.4	91.9	92.4	93.1	93.5	93.7	94.2	94.1	94.1	95.2	95.2	95.2	95.4	95.3	95.5	96.1
≥ 1500	85.8	93.3	93.4	94.5	94.9	94.9	95.5	95.5	95.5	96.5	96.6	96.6	96.7	96.7	96,9	97.5
≥ 1000 ≥ 900	86.3	93.7	94.1	95.2	95.6	95.6	96.1	96.1	96.1	97.1	97.2	97.2	97.3	97.5	97.5	98.2
≥ 800 ≥ 700	86.5	93.9	94.3	95.4	95.8	95.6	96.4	96.6	96.3	97.3	97.4	97.4	97.5	97.5	97.7	98.4
≥ 500	86.5	94.3	94.7	95.6	96.2 97.0	96.2	96.8	96.8	96.8	97.7	97.8	97.8	98.0 98.7	98.0	98.2	98.8
≥ 400	86.4	95.2	95.7	96.8	97.2	97.2	97.8	97.7	97.8	98.5	98.8	98.9	98.9	98.9	99.2	99.5
≥ 100	86.4	95.2	95.7	96.8	97.2	97.3	97.8	98.0	98.0	98.9	99.0	99.0	99.1	99.1	99,4	100-0
≥ 0	86.8	95.2	95.7	96.8	97.2	97.3	97.0	98.0	78.g	98.9	99.0	99.0	99.1	99.1	99.4	100-0

TOTAL NUMBER OF OBSERVATIONS.

93

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

2

KSC SHITTLE APT FL

69-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VIS	BILLTY STA	ITUTE MILE	5						
FEE!	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2	≥ 2	≥1.	≥1,	≥;	24	≥ .	2	≥5 16	2 .	≥0
NO CEILING ≥ 20000	50.5 60.4	53.6	54.9	54.8 65.1	55.2 65.4	55.2 65.4	56.1 66.3	56.3	56.3	56.6 66.8	56.6	56.6	57.3 67.5	57.3 67.5	57.7 68.0	58.6 68.8
. ≥ 18000 ≥ 16000	60.4	64.5	65.2	65.3	65.6	65.6	66.9	66.8	66.8	67.0	67.0	67.0	67.7	67.7	68.2	69.4
≥ 14000 ≥ 12000	61.7	65.6		67.0	67.0	67.0	68.0 68.9	69.1	69.1	68.4	68.4	68.4	70.1	69.1 70.1	69.6	;
≥ 10000 ≥ 9000	65.4	69.4	70.3	70.4	70.8	70.8	71.7	71.9	71.9	72.2	72.2	72.2	72.9	72.9	73.3	74.2
≥ 8000 ≥ 7000	68.7	73.8	74.7	74.9	75.3	75.3	76.2 76.7	76.5	76.5	76.7	76.7	76.7	77.4	77.4	77.8	78.7 79.1
≥ 6000 ≥ 5000	70.1	75.3	76.2	76.5	76.8	76.8	80.6	78.0	78.0	78.2 81.1	78.2	78.2	78.9	78.9 81.8	79.4	80·2 83·1
≥ 4500 ≥ 4000	74.5	80.8	81.	81.9	82.3	82.3 84.8	83.2	83.4	86.0	83.7	83.7	83.7	84.4	84.4 87.0	84.8	85.7 88.3
≥ 3500 ≥ 3000	78.7 79.4	87.1	87.2	87.5 88.4	87.8	87.8 88.7	88.8	89.0	89.0	89.2 90.1	90.1	90.1	90.9	90.0	90.4	91.3
≥ 2500 ≥ 2000	80.1 81.1	90.1	88.9 91.1	89.2 91.4	89.6 91.7	89.6 91.7	90.3	90.8	90.8	91.0 93.1	91.0 93.1	91.d 93.1	91.7	91.7	92.Z 94.3	93.0 95.2
≥ 1800 ≥ 1500	81.2 81.5	90.3	91.3 92.7	91.8	92.2	92.2	93.1	93.3	93.3 94.7	93.5 94.9	93.5	93.9	94.3	94.3	94.7	95.6
≥ 1200 ≥ 1000	81.5	91.5	92.1 92.0	93.2	93.7	93.7	94.6	94.8	94.8	95.2	95.2	95.1	95.9	95.8	96.2	97·2
≥ 900 ≥ 800	81.5	92.2	93.1 93.7	93.7	94.1	94.1	95.1 95.6	95.8	95.3 95.4	95.7	95.9	95.9	96.8	96.2 96.5	96.7	97.5 98.1
≥ 700 ≥ 600	81.6	92.1	93.1	94.2	94.6	94.6	95.6	95.6 96.3	95.4	96.0 96.6	96.0	96.0	97.3	96.8	97.2 97.1	98.1
≥ 500 ≥ 400	81.9	93.	94.4	94.6	95.4	95.4	96.3	96.8	96.4	97.1	96.6	96.6	97.8	97.5	98,3	98.6
≥ 300 ≥ 700	82.0 82.0	94.1	95.1	95.5	96.0	96.0		97.3 97.4	97.4	97.0	97.4	97.0	70.7	70.7		100-0
≥ 100 ≥ 0	82.0	94.1	95.1	95.6	96.0	96.0	97.1 97.1	97.4	97.4	97.7	97.7	97.7	98.7	98.7		100.0

TOTAL NUMBER OF ORSERVATIONS

930

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

2

KSC SHUTTLE APT FL

·9-70

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

0600-0800

CEILING							viSil	B . ** 514	T.TE MILE	5						
F EE T	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2.	22	2	2	≥ ·	≥ .	≥ ,	≥ .	25 16	≥ .	≥0
NO CEILING ≥ 20000	43.2 52.2	46.6 56.8	47.1 57.3	47.4	48.1	48.1	48.4	48.7	48.7	49.2	49.5 60.0	49.5	50.5	50.5	51.2	
≥ 18000 ≥ 16000	52.4 52.9	57.1 57.6	57.6		58.8	58.8 59.4	59.2	59.6	59.6	60.6	60.3 60.9	60.3	1	61.5	62.2	
≥ 14000 ≥ 12000	54.2 55.6	59.2	59.8		61.0	61.0	61.4	61.7	61.7	62.4	62.6	62.6	63.8	63.8	64.4	65.3
≥ 10000 ≥ 9000	57.1 58.9	63.4	64.0	66.7	65.4	67.4	67.8	65.9	65.9	66.6	66.8	66.8	68.0 70.3	68.0 70.3	68.6 71.0	69.5 71.8
≥ 8000 ≥ 7000	60.3	67.4	69.2	1	69.4 70.6	70.6	69.8	70.1 71.4	70.1 71.4	70.9 72.2	71.1	71.1	72.3 73.5	72.3 73.5	72.9	
≥ 6000 ≥ 5000	62.7	70.5 73.1	71.1	71.7 74.3	72.5 75.1	72.5	72.9 75.5	73.2 75.8	73.2 75.8	74.0 76.6	74.2 76.8	74.2 76.8	75.4 78.0	75.4 78.0	76.0 78.6	76.9 79.5
≥ 4500 ≥ 4000	65.8	74.5	75.2 78.4	76.0 79.2	76.8 80.0	76.8 80.0	77.2 80.4	77.5 80.8	77.5 80.8	78.3 81.5	78.5 81.7	78.5 81.7	79.7 82.9	79.7	80.3	81.Z 84.4
≥ 3500 ≥ 3000	71.1	80.9 82.6	81.5	84.2	84.9	84.9	83.5	83.9	83.9	84.7	84.9	84.9	88.0	86.1 88.0	88.6	87.6
≥ 2500 ≥ 2000	73.1 73.5	83.7	84.4	85.3	86.0	86.0	86.5	88.4	88.4	87.6 89.2	87.8	87.5	90.6	90.6	91,3	90.5
≥ 1800 ≥ 1500	73.5 73.6	85.7 85.9	86.6	87.6	88.2	88.2	88.7	89.2	89.0	90.2	90.4	90.1	91.3	91.3	92.3	92.8
≥ 1200	74.0	86.8	87.6	89.1	90.3	90.3	90.1	90.4	90.4	92.3	92.5	92.5	93.8	93.8	93,5	95.3
≥ 900 ≥ 80 0	74.0	87.4	89.1	90.0	90.4	90.4	91.0 91.7	91.3	91.3	93.1	92.6	93.7	94.9	94.9	75.6	96.5
≥ 700 ≥ 600	74.6	88.7	89.6	90.9	92.2	91.7	92.3	92.4	92.4	94.3	94.8	94.8	96.1	96.1	96,8	97.0
≥ 500 ≥ 400	74.7	89.1	90.0	91.6	93.7	93.8	93.7	94.9	94.9	96.0	95.6	96.7	78.0	78.Q	77,3	99.5
≥ 300	74.	89.4	90.5		93.9	94.0	94.8	95.Z	95.2	96.2	96.9	96.9	78.2	78.2	78,8	99.9
≥ 100 ≥ 0	74.7	89.4	90.3	92.0 92.0	93.9	94.0	94.	95.2	77.2	76.2	96.9	76.9	78.2	98.2	78.0	100.0

TOTAL NUMBER OF ORSERVATIONS

930

USAF ETAC 101 M 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

KSC SHUTTLE APT FL

69-70

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VISI	BILITY STA	ITTE MILE	5						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ 2	≥1	≥1.	≥1	2.4	≥ .	2	≥ 5 16	≥ .	≥ô
NO CEILING	49.7	51.1	51.4	51.5	51.5	51.5	51.5	51.6	51.6	51.7	51.7	51.7	51.9	51.9	51.9	52.0
≥ 20000	58.1	60.0	60.3	60.4	60.4	60.4	60.4	60.5	60.5	60.4	60.4	60.4	60.9	60.9	60.9	61.0
≥ 18000	58.3	60.2	60.5	60.4	60.4	60.6	60.6	60.8	60.8	60.9	60.9	60.9	61.1	61.1	61.1	61.2
≥ 16000	59.2	61.4	61.5	61.6	61.6	61.6	61.6	61.7	61.7	61.5	61.8	61.8	62.0	62.0	62.q	62.2
≥ 14000	61.4	63.3	63.7	63.8	63.8	63.8	63.8	63.9	63.9	64.0	64.0	64.d	64.2	64.2	64.2	64.3
≥ 12000	63.1	65.4	65.5	65.6	65.6	65.6	65.6	65.7	65.7	65.8	65.8	65.8	66.d	66.Q	66,q	66.1
≥ 10000	65.7	69.1	69.5	69.7	69.7	69.7	69.7	69.6	69.8	69.9	69.9	69.9	70.1	70.1	70.1	70.2
. ≥ 6000	66.9	70.8	71.1	71.3	71.3	71.3	71.3	71.4	71.4	71.6	71.6	71.6	71.8	71.8	71.4	71.9
≥ 8000	69.0	73.	74.0	74.2	74.2	74.2	74.2	74.3	74.3	74.5	74.5	74.5	74.7	74.7	74.7	74.8
≥ 2000	70.1	74.8	75.2	75.4	75.4	75.4	75.4	75.5	75.5	75.7	75.7	75.7	75.9	75.9	75,9	76.0
≥ 6000	71.5	76.	76.8	77.0	77.0	77.0	77.0	77.1	77.1	77.3	77.3	77.3	77.5	77.5	77.5	77.6
, ≥ 5000	73.3	78.5	78.8	79.0	79.0	79.0	79.0	79.1	79.1	79.4	79.4	79.4	79.6	79.6	79.4	79.7
≥ 450C	74.0	79.6	79.9	80.1	80.1	80.1	80.1	80.2	80.2	80.4	80.4	80.4	80.6	80.6	80.6	80.8
± 4000	76.8	62.6	82.9	83.1	83.1	83.1	83.1	83.2	83.2	83.4	83.4	83.4	83.7	83.7	83.7	83.8
≥ 3500	78.6	84.8	85.2	85.4	85.4	85.4	85.4	85.5	85.5	85.7	85.7	85.7	85.9	85.9	85.9	86.0
≥ 3000	81.4	87.	88.0	B8.3	88.3	88.3	88.3	88.4	88.4	88.6	88.0	88.6	88.8	88.6	88,4	88.9
≥ 2500	82.0	88.4	88.8	89.2	89.2	89.2	89.2	89.4	89.4	89.6	89.6	89.6	89.4	89.8	89.8	89.9
≥ 2000	83.5	90.9	91.4	91.9	91.9	91.9	91.9	92.2	92.2	92.4	92.4	92.4	92.6	92.6	92.4	92.7
≥ 1800	83.	91.3	91.9	92.6	92.6	92.6	92.6	92.8	92.	93.0	93.0	93.0	93.2	93.2	93.2	93.3
≥ 1500	83.9	91.9	92.0	93.2	93.2	93.2	93.2	93.4	93.4	93.7	93.7	93.7	93.9	93.9	93.9	94-0
≥ 1200	84.3	92.9		94.3	94.5	94.5	94.5	94.1	94.7	94.9	94.9	94.9	95.2	95.2	95.2	95.3
≥ 1000	84.4	93.1	93.8	94.5	94.7	94.7	94.7	94.9	94.9	95.2	95.2	95.2	95.4	95.4	95.4	95.7
> 90C	84.	94.0	94.6	95.4	95.6	95.4	95.6	95.4	95.4	96.0	96.d	96.0	96.2	96.2	96.2	96.3
≥ 800	84.8	94.4	95.1	95.9	96.1	96.1	96.1	96.3	96.3	96.4	96.4	96.5	97.0	97.q	97.q	97.1
≥ 700	85.1	94.8	95.5	96.3	96.6	96.6	96.6	96.8	96.4	77.2	97.4	97.4	97.6	97.6	97.6	97.7
≥ 600	85.	95.1	95.7	96.7	96.9	96.9	97.1	97.3	97.3	97.7	98.0	98.d	98.2	98.2	98,2	98.3
≥ 500	85.	95.	96.	97.1	97.4	97.4	97.6	97.8	97.4	98.3	98.3	98.5	98.7	98.7	98.7	98.4
≥ 400	85.	95.	96.2	97.4	97.7	97.8	98.1	98.4	98.4	98.8	99.0	99.a	99.2	99.2	99.2	99.4
≥ 300	85.	95.	76.	97.6	98.0	98.1	98.4	98.7	98.7	99.1	99.4	99.4	79.6	99.4	99.4	99.7
200	85.	95.	96.5	97.6	78.d	98.1	98.4	98.7	78.7	99.4	99.4	99.6	99.4	79.6	99,4	99.9
- '00	85.	95.	76.3	97.5	98.0	98.1	98.4	98.7	98.7	99.4	99.6	99.6	99.1	99.6	99.9	100 · Q
200 ≤	85.	95.	96.3	97.6	98.0		98.4	98.7	78.7	99.4	99.6	99.6	99.5	99.8	99.9	100 · d

TOTAL NUMBER OF OBSERVATIONS.

930

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBIGETE

GLOBAL CLIMATOLOCY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

2

KSC SHUTTLE APT FL

9-70

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CERNO							ViSI	BILITY STA	TUTE MILE	5						
· +66;	≥10	≥ 6	! ≥5 !	≥ 4	≥3	≥2.	≥?	≥1.	≥1.	2'	2.	≥ ,	≥ .	2516	2 .	20
NO CEILING	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 20000	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 18000	63.7	64.0	64.0	1		64.0	64.0	64.0	64.0	64.Q	64.Q	64.0	64.0	64.0	64.0	64.0
≥ '6000	64.3	04.6				64.6	64.6	64.0	64.6	64.0	64.0	64.6	64.6	04.0	64.0	64.0
- ≥ 14000	66.7	67.0	!	67.9	67.0	67.d	67.0	67.0	67.0	67.d	67.0	67.0	67.0	67.a	67.0	67.0
≥ 12000	69.7	70.0				70.0	70.0	70.0	70.0	70.Q	70.0	70.0	70.g	70.q	70.0	70.0
. ≥ 10000 ≥ 900 0	73.1	74.0	: 7	74.0	74.0	74.0	74.0	74.0	74.0	74.Q	74.Q	74.q	74.0	74.0	74.0	74.0
	74.0	75.6		75.6		75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.0	75.6
≥ 8000 ≥ 7000	76.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
<u> </u>	77.8	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	60.3	80.3	80.3
≥ 6000 ≥ 5000	79.5	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	51.7	81.7
	81.2	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.7	83.9
≥ 4500 ≥ 4000	82.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	82.2	85.5	85.5
	84.6	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	55,4	88.4
. ≥ 3500 . ≥ 3000	86.1	89.8	1	- 1		90.d	90.0	90.Q	90.0	90.q	90.0	90.0	90.0	90.0	90.0	90.0
<u></u>	88.1	92.4	92.4			92.6	92.6	92.4	92.4	92.6	92.6	92.6	92.6	92.6	42.0	92.6
≥ 2500 ≥ 2000	88.8	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
L	90.2	95.6			96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800 ≥ 1500	90.3	95.7	96.5	96.6	- 1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96-7
	90.4	96.1	97.9		97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.Z	97.2
≥ 1200	90.8	96.9	97.8	98.d		98.1	98.1	98.1	98.1	98.1	98.1	98.1	78 - 1	78.1	70,1	98.1
≥ 1000	90.9	97.1	98.1	98.2	98.3	98.3	98.3	98.3	78.3	78.3	98.3	98.3	78.7	78.7	70,3	91.3
≥ 900	91.1	97.4	98.4	98.5	98.6	98.6	98.6	98.6	78.4	98.6	98.6	98.6	78.6	78.6	78.4	78.0
≥ 800	91.1	97.5	98.3	98.8	98.9	98.9	99.0	99.a	99.g	99.0	99.0	97.0	79.0	77.0	77.0	22.9
≥ 700	91.1	97.8	98.4	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	97.4	. 99 • 4	77.4	77,4	77.4
≥ 600	91.2	98.	99.2	99.0		99.7	99,8	99.8	99.8	99.8	99.4	77.8	100-0	100,0	00.9	00.9
≥ 500	91.2	98.1	99.2	99.6	99.7	99.7	99.4	99.8	99.5	99.	99.8	97.5	100-g	700-d	700-0	100+4
≥ 400	91.2	98.1	99.2	99.0	79.7	99.7	99.4	99.4	99.4	99.8	99.4	97.4	100-4	100.g	199-4	201
≥ 300	91.2	98.1	99.2	97.4	77.7	99.7	99.4	99.4	77.4	79.5	77.4	97.5	700 • d	300-6	100,4	100+4
≥ 200	91.2	98.	99.2	97.0	99.7	99.7	99.8	99.4	77.4	79.8	77.8	77.4	100-4	777	1925	202
≥ 100	91.2	76.1	97.3	99.4	77.7	99.7	99.	99.8	77.	79.8	79.5	77.4	100-4	100-G	100,4	100+4
≥ 0	91.2	98.1	79.4	99.6	99.7	99.7	99.4	99.0	79.4	79.8	99.8	97.5	100-4	100-4	<u> 100-4</u>	222

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 10164 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLUTY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

2

KSC SHUTTLE APT FL

69-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VI\$1	BILITY STA	ITUTE MILE	S						
FEE:	≥:0	≥ 6	≥ 5	≥ 4	23	≥2 -	≥ 2	≥1;	₹, *	<u>≥</u> 1	١ . ١	≥ .	≥ : j	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3
2 18000 00.64 ≦	67.0 67.7	67.3 68.1	67.3	67.3	67.3	67.3 68.1	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.3	67.3
≥ 14000 ≥ 12000	69.5 71.6	69.6 72.0		69.8 72.0	69.4 72.0	72.0	69 .9	69.9 72.2	69.9 72.2	69.9 72.2	72.2	69.9 72.2	70.0 72.3	70.0 72.3	70.0 72.3	70•0 72•3
2 19000 2 9000	75.8 77.0	76.8		76.8 78.9		76.8 78.9	76.9	76.9 79.0	76.9 79.0	76.9 79.0	76.9	76.9 79.0	77.0	77.0 79.1	77.0	77 • 0 79 • 1
2 8000 2 7000	79.1	81.1	81.8	81.9	82.5	81.9	82.0 82.6	82.6	82.6	82.0	82.0	82.6	82.7	82.7	82.7	82.7
2 5000 2 5000	82.2 83.2	84.1 86.3	84.8 86.5	84.9 86.6 88.5	84.9 86.6 88.5	84.9 86.6 88.5	85.1	85.1	85.1 86.7 88.7	85.1 86.7 88.7	85.1 86.7	85.1 86.7 88.7	85.2 86.8	85.2 86.8	85.2 86.8	85.2
2 4000 2 3500	86.6	90.2	90.3	90.6	90.8	90.8	91.0	88.7 91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
2 3000	89.7	94.5	94.3	94.8	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
2 2000	90.8	96.5	96.8	97.2	97.5	97.5	97.7	97.5	97.5	97.7	97.7	97.7	97.6	97.6	97.4	
2 1500	91.1	97.4	97.4	97.7	98.4	98.4	98.7	98.7	98.2	98.7	98.7	98.7	98.3	98.8	98.8	98.8
≥ 1000°	91.2	97.6	97.8	98.4	98.0	98.6	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
2 700	91.2	98.0	98.0	98.8	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.1	99.1	99.1	99.1
≥ 600 ≥ 500 ≥ 400	91.2 91.2 91.2	98.2	98.5 98.6 98.7	99.0	99.4 99.4	99.4 99.6	99.6	99.7	99.4	99.4	99.4	99.7	99.4	99.8	99.7	99.7
≥ 300 ≥ 200	91.2	98.4	98. 98.	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0 100.0	100.0		100-0
2 100 2 0	91.2	98.2	98.7	99.4	99.0	99.6	99.9	99.9	99.9	99.9	99.9		100-0		100.0	100.0

TOTAL NUMBER OF OBSERVATIONS...

930

USAF ETAC 121 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCLETE

2

GLOBAL CLIMATULUCY BRANCH USAFFTAC AIR REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868

KSC SHUTTLE APT FL

<u>69-78</u>

DEC___

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							viSI	BIL:TY STA	NUTE MILE	S						
PEET	≥10	ه≤	≥5	≥ 4	≥ 3	≥2:	≥ 2	≥1.	≥1.	≥'	≥ .	≥ `₁	≥ .	≥5 16 .	2.	≥3
NO CEILING ≥ 20000	54.3 64.9	55.1 66.4	55.1	55.1 66.4	55.1 66.4	55.1 66.4	55.1 66.5	55.1 66.5	55.1	55.1 66.5	55.1	55.1 66.5	55.2 66.6	55.2	55.2	
≥ 18000 ≥ 16000	65.4	68.0			68.9	66.9 68.0	67.0 68.1	67.0	67.0 68.1	67.0 68.1	67.0 68.1	67.0 68.1	67.1	67.1 68.2	67.1	67.2
≥ 14000 ≥ 12000	67.9	71.6	69.4		69.4 71.6	69.4 71.6	69.5	69.5	69.5	69.5	69.5 71.7	69.5	69.6 71.8	69.6 71.8	69.6	69.7 71.9
≥ 10000 ≥ 9000	72.5	74.6	76.9	76.9	74.6	74.6 77.0	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	77.6
≥ 8000 ≥ 7000	75.6 76.4	78.9	79.7	79.7	79.8	79.1	79.2	79.2 80.0	79.2 80.0	79.2 80.0	79.3	79.3 80.1	79.5	79.5	79.5 80.3	80-4
≥ 6000 ≥ 5000	79.0 80.7	82.8	82.9	82.9	83.0 85.3	83.0	85.5	83.1 85.5	83.1 85.5	83.1 85.5	83.2	83.2 85.6	85.8	85.8	85.8	85.9
≥ 4500 ≥ 4000 ≥ 3500	82.3 84.2 85.8	87.1 89.7	87.2 89.8 91.9	89.8	90.1 92.5	90.1 92.5	90.2	87.6 90.2 92.6	90.2	87.6 90.2 92.6	87.7 90.3	87.7 90.3 92.7	90.5 92.9	87.9 90.5 92.9	87.9 90.5 92.9	90.6
≥ 3000 ≥ 3000 ≥ 2500	87.1	93.3	93.	93.6	94.1	94.1	92.0 94.2 95.2	94.2	92.6 94.2 95.2	94.2	92.7 94.3 95.3	94.3	94.5	94.5	94.5	94.6
≥ 2000 ≥ 1800	88.5	96.3	96.7	96.8	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.7
≥ 1500	88.9	96.9	97.1	97.2	97.6	97.8	97.7	97.7 98.0	97.7	97.7	97.8	97.8	98.1	98.1	98.1	98.4
≥ 1000 ≥ 90 0	88.9	97.1	97.4	97.5	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.5	98.5	98.5	98.6
≥ 800 ≥ 700	88.9	97.4	97.7	97.8	98.5	98.5	98.9	98.9	98.9	98.6	98.7	98.7	98.9	98.9	98.9	99.4
≥ 600 ≥ 500	88.9	97.7	98.3	98.4	99.0	99.0	99.4	99.4	99.1	99.4	99.2	99.2	99.5	99.5	99.5	99.8
≥ 300	88.9	97.8	98.5	98.4	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.8
≥ 100 ≥ 0	88.9	97.6 97.6	98.5	98.7 98.7	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.9	99.9	77.8	99.9 100-0 100-0

OTAL MUMBER OF CASERVATIONS

928

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

- Silvewa

2900

GLOBAL CLIMATOLOCY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12868 KSC SHUTTLE APT FL

09-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS)

2100-2300

(_ErcNG							v 51	B-LITY STA	TITE MILE	4						
* * * * * * * * * * * * * * * * * * * *	≥ ; c	≥6	≥ 5	≥ A	د ج	32.	27 ,	≥)	≥1.	≥: .	2. 1	≥ ,	2 .	≥ 5 16	2.	≥0
NO CERING	56.4	58.1	58.9	59.0	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	60.2
≥ 20000	64.8	66.8	67.4	67.5	68.1	68.1	66.1	68.1	68.1	68.1	68.1	68.1	68.4	68.4	68.4	68.7
≥ 1800€	65.1	67.2	67.7	67.8	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.7	68.7	68.7	69.0
≥ :5000	65.4	67.5	68.0	68.1	68.8	68.8	68.4	68.8	68.8	68.8	68.8	68.8	69.Q	69.Q	69.0	69.3
≥ 14000	66.8	68.9	69.4	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.7
≥ 12000 .	69.2	71.6	72.1	72.2	72.9	72.9	72.9	72.9	72.9	73.0	73.Q	73.0	73.2	73.2	73.2	73.5
≥ 1000€	72.2	75.2	75.7	75.8	76.5	76.5	76.5	76.5	76.5	76.6	76.4	76.6	76.8	76.8	76.8	77.1
? 9000	73.9	77.2	77.8	77.9	78.0	78.6		78.6	78.6	78.7	78.7	78.7	78.9	78.9	78.9	79.3
≥ 8000	75.1	79.3	79.7	79.9	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	81.0	81.0	81.Q	81.3
≥ 7000	75.8	79.9	80.5	80.7	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.7	81.7	81.7	82.1
≥ 6000	77.1	81.5	82.1	82.3	83.0	83.0		83.0	83.0	83.2	83.2	83.2	83.4	83.4	83.4	83.7
≥ 5000	78.7	83.5	84.0	84.2	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.3	85.3	85.3	85.6
≥ 4500	81.0		86.7	86.9	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	88.0	88.0	88.0	88.3
≥ 4000	82.4	BB.2	88.9	89.1	89.8	89.8	89.8	89.8	89.8	90.0	90.0	90-0	90.2	90.2	90.2	90.5
≥ 3500	84.0	90.4	91.3	91.5	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.5	92.5	92.5	92.9
≥ 3000	85.9	92.5	93.2	93.4	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.5	94.5	94.5	94.8
≥ 2500	86.2	93.4	94.2	94.6	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.7	95.7	95.7	96.0
≥ 2000	86.5	94.2	95.0	95.4	96.3	96.3			96.3	96.4	96.4	96.4	96.7	96.7	96.7	97.0
≥ 1800	86.4	94.3	95.1	95.7	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.8	96.8	96.8	97.1
≥ 1500	86.6	94.5	95.4	96.0	96.9	96.9	96.9	96.9	96.9	97.0		97.0	97.2	97.2	97.2	97.5
≥ 1200	86.8	95.1	96.0	96.7	97.5	97.5	97.5	97.5	97.5	97.4	97.6	97.6	97.8	97.8	97.5	98.2
≥ 1000	86.9	95.4	96.2	96.9	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	98.1	98.1	98.1	98.4
≥ 900	86.9	95.4	96.2	96.9	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	98.1	98.1	98.1	98.4
≥ 800	86.9	95.4	96.2	96.9	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	98.1	98.1	98.1	98.4
≥ 700	86.9	95.7	96.5	97.2	98.1	98.1	98.	98.1	98.1	98.2	98.2	98.2	98.4	98.4	78.4	98 • 7
≥ 600	87.3	96.2	97.2	97.6	98.7	98.7	98.7	98.7	98.7	98.4	98.8	98.8	99.0		99,0	99.4
≥ 500	87.3	96.5	97.5	98.2	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.4	99.4	99.5	99.9
≥ 400	87.3	96.5	97.5	98.3	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.5	77.5	77.6	100-a
≥ 300	87.3	96.5	97.5	98.3	99.1	99.1	99.1	99.1	99.1	79.2	99.2	99.2	99.5	77.5	77.6	100 · a
≥ 200	87.3	96.5	97.5	98.3	99.1	99.1	99.1	99.1	99.1	79.2	99.2	99.2	99.5	77.3	77.0	100-d
≥ 100	87.3	96.7	97.5	98.3	99.1	99.1	99.1	99.1	99.1	99.Z	99.2	99.2	79.5	77.5	77.6	100 · d
≥ 0	87.3	96.5	97.5	98.3	99.1	99.1	99.1	99.1	99.1	79.2	99.2	99.2	79.5	99.5	77.6	100 · a

TOTAL NUMBER OF ORSERVATIONS

926

USAF ETAC 101 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORGOLETE

GLOBAL CLIMATOLICY BRANCH USAFFTAL AIR MEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

12808 KSC SHUTTLE APT FL

69-7e

<u> DEC</u>

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

ALL

2 200	
2 18000 62.0 64.2 64.3 64.7 64.9 64.9 65.2 65.3 65.3 65.5 65.5 65.9 65.9 65.9 65.9 65.9 65.9	2. 20
≥ 18000	54.9 55.2
≥ 1000	65.6 66.0
≥ 14000 64.1 66.3 66.7 66.8 67.1 67.1 67.3 67.4 67.4 67.6 67.7 68.0 68.0 68.0 65.9 68.3 68.7 68.8 69.1 69.1 69.4 69.5 69.7 69.7 69.7 70.1 70.1 67.0 68.8 69.1 69.1 69.4 69.5 69.7 69.7 69.7 70.1 70.1 67.0 68.8 69.1 69.1 69.4 69.5 69.5 69.7 69.7 69.7 70.1 70.1 70.1 67.0 68.8 71.8 72.1 72.3 72.5 72.5 72.8 72.9 72.9 73.2 73.2 73.2 73.2 73.5 73.5 70.0 70.3 73.8 74.2 74.4 74.7 74.7 74.9 75.0 75.0 75.0 75.3 75.4 75.4 75.7 75.7 75.7 68.00 72.1 76.2 76.6 76.8 77.1 77.1 77.4 77.5 77.5 77.8 77.8 77.8 77.8 78.2 78.2 78.2 7000 73.0 77.1 77.5 77.7 78.0 78.0 78.0 78.3 78.4 78.4 78.7 78.7 78.7 78.7 79.1 79.1 67.0 78.0 78.0 78.0 78.3 78.4 78.4 78.7 78.7 78.7 78.7 79.1 79.1 79.1 67.0 78.3 78.2 78.2 78.2 78.2 78.2 78.2 78.2 78.2	56.0 66.4
≥ 10000 68.8 71.8 72.1 72.3 72.5 72.5 72.8 72.9 72.9 73.2 73.2 73.2 73.2 73.5 73.5 70.0 70.1 70.1 70.1 70.1 70.1 70.1 70.1	66.6 67.0
≥ 10000 68.8 71.8 72.1 72.3 72.5 72.5 72.8 72.9 72.9 73.2 73.2 73.2 73.2 73.5 73.5 9000 70.3 73.8 74.2 74.4 74.7 74.7 74.9 75.0 75.0 75.3 75.4 75.4 75.7 75.7 75.7 2 8000 72.1 76.2 76.6 76.8 77.1 77.1 77.4 77.5 77.8 77.8 77.8 77.8 77.8 78.2 78.2 78.2	68.2 68.5
≥ 9000 70.3 73.8 74.2 74.4 74.7 74.7 74.9 75.0 75.0 75.3 75.4 75.4 75.7 75.7 2 8000 72.1 76.2 76.6 76.8 77.1 77.1 77.4 77.5 77.8 77.8 77.8 77.8 78.2 78.2 78.2 7000 73.0 77.1 77.5 77.7 78.0 78.0 78.3 78.4 78.4 78.4 78.7 78.7 78.7 78.7 79.1 79.1 2 6000 74.6 78.9 79.3 79.6 79.9 79.9 80.2 80.3 80.3 80.3 80.6 80.6 80.6 80.9 80.9 2 5000 76.3 81.0 81.4 81.7 82.0 82.0 82.3 82.4 82.4 82.6 82.7 82.7 83.0 83.0 83.0 83.0 84.0 84.0 84.0 84.2 84.3 84.3 84.6 84.7 84.7 85.0 85.0 79.8 85.9 85.9 86.2 86.5 86.9 86.9 86.9 86.9 87.2 87.2 87.2 87.6 87.6 2 3500 81.8 87.9 88.3 88.4 89.0 89.0 89.4 89.4 89.4 89.7 89.7 89.7 90.1 90.1 2 3000 83.3 89.7 90.2 90.6 90.9 90.9 91.2 91.3 91.3 91.6 91.6 91.6 92.0 92.0 2 2500 84.0 90.7 91.2 91.6 92.0 92.0	70.2 70.6
≥ 8000 73.1 76.2 76.6 76.8 77.1 77.1 77.4 77.5 77.5 77.8 77.8 77.8 78.2 78.2 78.2 79.1 79.1 79.1 79.1 79.1 79.1 79.1 79.1	73.7 74.1
2 7000 73.0 77.1 77.5 77.7 78.0 78.0 78.3 78.4 78.4 78.7 78.7 78.7 78.7 79.1 79.1 2 6000 74.4 78.9 79.3 79.6 79.9 79.9 80.2 80.3 80.2 80.3 80.4 80.6 80.6 80.9 80.9 2 5000 76.3 81.0 81.4 81.7 82.0 82.0 82.3 82.4 82.4 82.6 82.7 82.7 82.7 83.0 83.0 2 4000 77.8 82.9 83.3 83.6 84.0 84.0 84.0 94.2 54.3 84.3 84.6 84.7 84.7 85.0 85.0 2 4000 79.8 85.5 85.9 86.2 86.9 86.9 86.9 86.9 87.2 87.2 87.2 87.6 87.6 87.6 2 3500 81.8 87.9 88.3 88.7 89.0 89.0 89.3 89.4 89.4 89.7 89.7 89.7 90.1 90.1 2 3000 83.3 89.7 90.2 90.6 90.9 90.9 91.2 91.3 91.6 91.6 91.6 92.0 92.0 2 2500 84.0 90.7 91.2 91.6 92.0 92.0 92.0 2 2500 84.0 90.7 91.2 91.6 92.0 92.0 93.0	75.9 76.2
2 6000 74.6 78.9 79.3 79.6 79.9 79.9 80.2 80.3 80.3 80.6 80.6 80.9 80.9 2 5000 76.3 81.0 81.4 81.7 82.0 82.0 82.3 82.4 82.4 82.6 82.7 82.7 83.0 83.0 2 4000 79.8 85.9 85.9 86.2 86.9 86.9 86.9 86.9 86.9 87.2 87.2 87.2 87.6 87.6 2 3500 81.6 87.9 88.3 88.7 89.0 89.0 89.3 89.4 89.4 89.7 89.7 89.7 90.1 90.1 ≥ 3000 83.3 89.7 90.2 90.6 90.9 90.9 91.2 91.3 91.6 91.6 91.6 92.0 92.0 ≥ 2500 84.0 90.7 91.2 91.6 92.0 92.0 92.0 92.0 84.0 90.7 91.2 91.6 92.0 92.0 93.0	78.3 78.7
2 5000 76.3 81.0 81.4 81.7 82.0 82.0 82.3 82.4 82.4 82.6 82.7 82.7 83.0 83.0 2 4500 77.8 82.9 83.3 83.6 84.0 84.0 84.0 84.3 84.3 84.6 84.7 84.7 85.0 85.0 4 4000 79.8 85.5 85.9 86.2 86.9 86.9 86.9 86.9 86.9 87.2 87.2 87.2 87.6 87.6 87.6 2 3500 81.8 87.9 88.3 88.7 89.0 89.0 89.3 89.4 89.4 89.7 89.7 89.7 90.1 90.1 2 3000 83.3 89.7 90.2 90.6 90.9 90.9 91.2 91.3 91.6 91.6 91.6 92.0 92.0 2 2500 84.0 90.7 91.2 91.6 92.0 92.0 92.0 2 2500 84.0 90.7 91.2 91.6 92.0 92.0 93.0	79.2 79.6
2 3000 76.3 81.0 81.4 81.7 82.0 82.0 82.3 82.4 82.4 82.6 82.7 82.7 83.0 83.0 2 4000 77.8 82.9 83.3 83.6 84.0 84.0 84.0 84.3 84.3 84.6 84.7 84.7 85.0 85.0 2 4000 79.8 85.5 85.9 86.2 86.5 86.5 86.8 86.9 86.9 87.2 87.2 87.2 87.2 87.6 87.6 2 3500 81.8 87.9 88.3 88.7 89.0 89.0 89.3 89.4 89.4 89.7 89.7 89.7 90.1 90.1 2 3000 83.3 89.7 90.2 90.6 90.9 90.9 91.2 91.3 91.6 91.6 91.6 92.0 92.0 2 2500 84.0 90.7 91.2 91.6 92.0 92.0 92.0 2 2500 84.0 90.7 91.2 91.6 92.0 92.0 93.0	81.1 81.5
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	83.2 83.6
$\stackrel{>}{\scriptstyle 2}$ 3500 81.8 87.9 88.3 88.7 89.0 89.0 89.3 89.4 89.4 89.7 89.7 89.7 90.1 90.1 $\stackrel{>}{\scriptstyle 2}$ 3000 83.3 89.7 90.2 90.6 90.9 90.9 91.2 91.3 91.4 91.6 91.6 91.6 92.0 92.0 $\stackrel{>}{\scriptstyle 2}$ 2500 84.0 90.7 91.2 91.6 92.0 92.0 92.0 92.2 92.3 92.3 92.6 92.7 92.7 93.0 93.0	85.2 85.5
$\stackrel{>}{=}$ 3500 81.8 87.9 88.3 88.7 89.0 89.0 89.3 89.4 89.4 89.7 89.7 89.7 90.1 90.1 $\stackrel{>}{=}$ 3000 83.3 89.7 90.2 90.6 90.9 90.9 91.2 91.3 91.3 91.6 91.6 91.6 92.0 92.0 $\stackrel{>}{=}$ 2500 84.0 90.7 91.2 91.6 92.0 92.0 92.2 92.3 92.3 92.6 92.7 92.7 93.0 93.0	87.8 88.1
≥ 2500 84.0 90.7 91.2 91.6 92.0 92.0 92.2 92.3 92.3 92.6 92.7 92.7 93.0 93.0	90.2 90.6
	92.1 92.5
	93.2 93.5
	95.2 95.6
	95.5 95.9
	96.2 96.6
	96.9 97.3
= 1000 85.4 94.1 94.6 95.4 95.9 95.9 96.2 96.3 96.3 96.6 96.7 96.7 97.0 97.0	97.2 97.6
<u> </u>	97.4 97.5
2 800 85.7 94.4 95.3 95.9 96.4 96.4 96.8 96.9 96.9 97.2 97.3 97.3 97.7 97.7	97.8 98.2
and the contract of the contra	98.2 98.5
≥ ∞ 85.8 95.4 95.9 96.4 97.1 97.1 97.5 97.6 97.6 98.0 98.1 98.1 98.5 98.5	98.6 99.0
2 500 85.8 95.3 96.2 96.9 97.4 97.4 97.8 97.9 97.9 98.3 98.4 98.4 98.8 98.8	99.0 99.4
<u> </u>	99.3 99.7
2 300 85.9 95.9 96.4 97.2 97.8 97.9 98.3 98.4 98.4 98.6 98.9 98.9 99.3 99.3	99.5 99.9
2 200 85.9 95.4 96.5 97.2 97.2 97.9 98.3 98.4 98.4 98.6 99.0 99.0 99.4 99.4	99.6100.0
	99.6100.0
	99.6100.0

TOTAL NUMBER OF OBSERVATIONS

7434

USAF ETAC 101.04 0+14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLLOY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12868	Ks	C SHIT		PT FL	, .	=		(<u>, 9 =</u>	79							<u>A</u>	<u>LL</u>
	PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS															LL	
	- Ears								e* 5*A	TUTE MILE	\$						
	FEET.	* * * * * * * * * * * * * * * * * * *	26	2 '	2.4	23	£2.	2.7	≥`.	≥'.	₹.	2	٠.	2	25 5		24
	NO - ERIN- 2 20000	52.5		55.5 73.3	55.7 73.5			55.9 73.8		56.0 73.8		56.1 73.9	56.1 73.9	56.2 74.1	56.2 74.1		56.4 74.2
	≥ 18067 ≥ 50±0	69.4			73.8		74.0		74.1	74.1	74.2 75.0	74.3			74.4		
	≥ 14060 ≥ 12000	71.5		76.0	76.2	76.4	76.4	76.5		76.5	76.7	76.7		76.8	76.€	76.9	
	2000€ ≤	76.2	81.3	81.7	82.0	82.2	82.2	82.3	82.3	82.3	82.4	82.4		82.6		82.7	82 • 8 84 • 8
	≥ 8000 ≥ 7006	78.9 79.6	84.8	85.3	85.5 86.4	85.7	85.7	85.8	85.9	85.9	86.0 86.8	86.0 86.9	86.0	86.2	86.2	86.3	87.2
	> 6000 - 2 5000	80.5 81.4	86.8	87.3	87.5	87.7	87.7	87.9		87.9		88.0		88.2	88.2	88.3	88.4
	≥ 4500 ≥ 4000	82.5		89.8	90.1	90.3		90.4		90.5	90.6	90.6		90.8	90.8	90.9	91.0
	≥ 3500 ≥ 3000	84.5	91.9	92.4	92.7	93.0		93.1	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.5	93.6
	2500 2 2000	85.9	93.8	94.4	94.8	95.1	95.1	95.2	94.3	95.3	95.4	95.4	95.4	95.6	95.6	95.7	95.8
	± 1800	86.9	95.5	95.9	96.6	96.9	96.9	97.	96.8	96.8	96.9	96.9	96.9	97.4	97.4	97.5	
	≥ 1200 ≥ 1000	87.4	95.9	96.6	97.4	97.3	97.7	97.9	97.6	98.0	98.2	98.2	98.7	98.3	98.3	98.4	98.5
	2 900	87.4	96.4	97.1	97.6	97.9	97.9	98.3	98.2	98.4	98.4	98.4	98.4	98.5	98.7	98.8	
	≥ 800	87.4	96.8	97.5	97.9	98.5	98.3	98.7	98.7	98.4	98.7	98.7	98.9	99.1	98.9	99.2	99.3
	≥ 600	87.5	97.0	97.8	98.4	98.4	98.6	98.9	98.9	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.6
	≥ 400	87.5	97.1	97.9	98.5	98.9	98.9	99.2	99.2	99.3	99.5	99.4	99.5	99.4	99.4		99.9
	≥ 100	87.5	97.1	98.0	98.5	98.9	98.9	99.2	99.3	99.3	99.5	99.5	99.5	99.7	99.7		100•0
	≥ 0	87.5	97.1	98.0	98.5	98.9	98.9	99.2	99.3	99.3	99.5	99.5		99.7	99.7		

AL NUMBER OF ORSERVATIONS 8760

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRMAYS
SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED
WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10 SCATTERED WAS CONVERTED TO 3/10 BROKEN WAS CONVERTED TO 9/10 OVERCAST WAS CONVERTED TO 10/10 QRECURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SKY COVER

12868 KSC SHITTLE APT FL

70-79

JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	i I		P	ERCENTAGE I	REQUENC'	OF TENTH	S OF TOTAL	SKY COVE	R			MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	
JAN	00-02	30.2		!	29.8			<u> </u>	•		17.5	22.5	4.7	92
	03-05	29.1		<u> </u>	29.1		<u> </u>			ı	16.1	25.6	4.9	92
	06-08	15.3		<u> </u>	34.4			!	: 		24.8	25.4	5.8	92
	09-11	13.2			30.5					!	25.3	31.0	6.3	93
	12-14	7.3			33.8				ļ	:	28.2	30.8	6.6	93
	15-17	7.7			34.8			ļ			29.8	27.6	6.5	93
	18-20	13.6			34.3						23.4	28.7	6.0	92
,, <u>,</u>	21-23	23.8			31.5						20.6	24.1	5.2	93
			•											
10	TALS	17.5			32.3						23.2	27.0	5.8	742

USAFETAC FORM 0.9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SKY COVER

12868	KSC SHUTTLE APT FL	70-79	FEB
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS		PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	Ŷ	10	SKY COVER	OBS.
FEB	00-02	33.6		<u> </u>	26.6		i		· : !	!	14.9	24.9	4.6	84
	03-05	31.3			22.3		· 			<u> </u>	19.4	27.0	5.1	84
	06-08	18.8		<u> </u>	31.0					·	21.1	29.0	5.7	84
	09-11	17.2		<u> </u>	29.9			!	!	1	22.2	30.7	6.0	84
	12-14	13.0			32.0					ļ	25.4	29.6	6,2	840
	15-17	14.1			32.6			! 		ļ	24.9	28.4	6.1	840
	18-20	22.1			27.5					ļ	21.6	28.7	5.6	840
	21-23	34.2			23.9					<u> </u>	16.0	26.0	4.8	844
											-			
10	TALS	23.0			28.2						20.7	28.0	5.5	676

USAPETAC FORM 0.9-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE.

. Figure 1 . 18"S

. 444

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

SKY COVER

12868 KSC SHETTLE APT FL STATION NAME

70-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE [FROM HOURLY OBSERVATIONS]

MONTH	HOURS			P	ERCENTAGE	REQUENC	OF TENTH	S OF TOTAL	SKY COVE	R			MEAN TENTHS OF	TOTAL NO. OF
MONIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	085.
MAR	00-02	35.1			27.2		<u> </u>		<u> </u>		17.0	20.8	4.4	93
	03-05	30.1	7.2	ļ	32.0			-	:		17.3	20.0	4.5	92
	06-08	15.9			35.5					i !	25.7	22.9	5,7	92
	09-11	14.3			37.4						26,1	22.2	5,7	930
	12-14	8.5			43.5						24,5	23.4	5,9	930
	15-17	12.3			42.3			-			22,1	23.4	5,6	929
	18-20	50.1			38.1					ļ	18.8	23.0	5.1	925
	21-23	35.4			29,3						15.6	19.6	4,3	92
10	TALS	21.5		<u></u>	35.7						20.9	21.9	5.2	7420

USAFETAC FORM 0.9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE.

GLUBAL CLIMATULORY BRANCH USAFFTAC AIR BEATHER SERVICE/MAC

SKY COVER

12868	KSC SHUTTLE APT FL	70-79	APR
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			P	ERCENTAGE F	REQUENCY	OF TENTH	S OF TOTAL	SKY COVE	R			MEAN TENTHS OF	TOTAL NO: OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	085.
APR	00-02	37.3		<u> </u>	27.9		<u> </u>	<u> </u>	!		17.5	17.4	4.1	899
	03-05	35.7		! 	32.6			-	·	1	15.6	16.2	4.0	900
	06-08	19.5		-	38.3						23.2	19.0	5.1	896
	09-11	14.9		: -	43.2				<u> </u>		23.1	18.8	5,3	900
	12-14	12.1		<u></u>	44.4					<u> </u>	24.2	19.2	5.4	900
	15-17	15.7		ļ	40.5						25.6	18.2	5,3	899
	18-20	22.2		ļ	37.8						22.3	17.8	4.9	898
	21-23	37.6	· ·		31.3						14.8	16.3	3,9	900
														
fo	TALS	24.4			37,0						20.4	17.9	4,8	7197

USAPETAC PORM 0.9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

SKY COVER

KSC SHUTTLE APT FL

70-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			P	ERCENTAGE F	REQUENCY	OF TENTH	S OF TOTAL	L SKY COVE	R			MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
MAY	00-02	28.9			34.0			1	!	Í	19.5	16.8	4,5	92
	03-05	28.5			35.8			1	!	! !	22.2	13.5	4,4	929
	06-08	12.7			37.0			!	; !		29.8	20.5	5,8	928
	09-11	6.5			41.7			-			29.4	22.5	6.1	930
_	12-14	5,8		-	38,9						30,5	24.7	6.4	930
	15-17	7.7			36.2						29.1	26.9	6.4	930
	18-20	9.6			33.5			ļ			29.9	27.0	6.4	927
	21-23	23.0			30.6						23,2	23.2	5,3	92
											-			
10	TALS	15.3			36.1						26.7	21.9	5.7	742'

FORM 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE. USAFETAC

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

SKY COVER

12868	KSC	SHUTTLE	ApT	FL
STATION			STATE	C# 44

69-78

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			P	ERCENTAGE I	REQUENCY	OF TENTH	S OF TOTAL	SKY COVE	R			MEAN TENTHS OF	TOTAL NO. OF
MONIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
JUN	00-02	18.9			35.3			<u> </u>			26.1	19.7	5,4	900
	03-05	16.6		<u> </u>	42.6			ļ			24.7	16.2	5.1	900
	06-08	4,9			41.9					ļ	32.3	20.9	6.3	899
	09-11	1.0			44.7			ļ			34.6	19.8	6.4	900
	12-14	•6			41.9			ļ		ļ	34.2	23.3	6.7	900
	15-17	1.3			35.3					ļ	33.9	29.4	7.1	900
	18-20	2.4			26.8						31.8	38.9	7.6	899
	21-23	9.0			31.4						28.5	31.1	6.6	899
10	TALS	6,8			37.5						30.8	24.9	6.4	7197

FORM 0.9.5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLURY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SKY COVER

12868	KSC	SHUTTLE	APT	FL	
STATION			STATE	ON NAME	

69-78

JUL

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			P	ERCENTAGE	FREQUENC	OF TENTH	S OF TOTAL	SKY COVE	R			MEAN TENTHS OF	TOTAL NO. OF
MONIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
JUL	00-02	18.5			43.0			ļ		L <u></u>	22.8	15.7	4.9	930
	03-05	19.5			48.2			ļ	•	!	22.2	10.1	4,5	929
	06-08	5.7		ļ	41.1	-		+	<u> </u>		36.5	16.8	6.2	930
	09-11	2.5			40.0			<u> </u>		·	36.8	20.7	6.6	929
	12-14	1.0			34.2					· 	40.6	24.2	7.1	930
	15-17	1,2			32.2						37.0	29.7	7,3	930
	18-20	1,5			30.8						31.2	36.6	7,4	930
·	21-23	8.7			38,4		<u> </u>				28.0	24.9	6.2	930
											-	-		
10	TALS	7.3			38.5						31.9	22.3	6.3	7431

FORM 0-9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE. USAPETAC

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GLOBAL CLIMATULUGY BPANCH USAFFTAC AIR JEATHER SERVICE/MAC

SKY COVER

12868	KSC	SHUT	TLF	APT	FL
STATION				STAT	ON NA

59-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			P	ERCENTAGE I	FREQUENCY	OF TENTH	S OF TOTAL	SKY COVE	R			MEAN TENTHS OF	TOTAL NO. OF
HTMOM	(L.S.T.)	0	1	2	3	4	5	6	7	8	þ	10	SKY COVER	OBS.
AUG	00-02	15.5		-	48,1			!	· 	Ì	21,7	14.6	4,9	929
	03-05	17.4		ļ	52.0			ļ		<u> </u>	20.1	10.4	4.4	930
	06-08	3.4			51.7		 	·			30.1	14.7	5.7	930
	09-11	1.8		ļ 	47.1			!	:	<u> </u>	35.4	15.7	6.2	930
	12-14	.8	· · · · · · · · · · · · · · · · · · ·	ļ	43.9			<u> </u>	ļ	: 	35.4	19.9	6.5	929
	15-17	1.1			38.6				-	ļ • — — —	34.7	25.6	6.8	930
	18-20	1.8			36.4					<u> </u>	30.3	31.5	7.0	928
	21-23	11.3			40.2					ļ	24.1	24.4	5.8	929
								-						
10)TALS	6.6			44.8						29.0	19.6	5.9	7435

and the first of the court of the exploration and a second property of the court of

USAFETAC FORM 0.9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SKY COVER

12868 KSC SHITTLE APT FL STATION NAME

59-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			P	ERCENTAGE I	REQUENCY	OF TENTH	S OF TOTAL	SKY COVE	R			MEAN	TOTAL NO. OF
HTHOM	(L.S.T.)	0	1	2	3	4	5	6	7	В	9	10	SKY COVER	
SEP	00-02	12.8		!	47.3		<u></u>	ļ 		<u></u>	23.1	16.8	5.2	900
	03-05	13.1		; i 	50.1					<u> </u>	23.0	13.8	5.0	900
	06-08	3.0		<u> </u>	51.3			l ∔		<u> </u>	30.0	15.7	5.8	900
	09-11	.4		· •	49.7			-		!	33.9	16.0	6.1	900
	12-14	.4			43.6				-	; 	38.0	18.0	6.5	900
	15-17	1.9			38.0						35,2	24.9	6.8	900
	18-20	4.0			37.0						25,9	33.1	6.8	900
	21-23	11.0			39.5						23.0	26.5	5.9	899
						-								
10	TALS	5.8			44.6						29.0	20-6	6.0	7199

USAFETAC FORM 0-9-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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4

GLUBAL CLIMATULUSY BRANCH USAFFTAC AIR REATHER SERVICE/MAC

SKY COVER

12568	KSC	SHUTTLE	APT	FL	_
STATION			ETAT	04 44	

59-78

()CT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			P	ERCENTAGE	FREQUENC	OF TENT	HS OF TOTA	L SKY COVE	R			MEAN	TOTAL NO. OF
MONIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
n c r	00-02	18.9			39.9		· · · · · · · · · · · · · · · · · · ·	•	·	:	20.6	20.5	5.1	930
	03-05	19.3		·	42.3		•	+	·		18.2	20.2	4.9	929
	06-08	8.0		i	40.0	 	<u> </u>		<u> </u>	·	31.5	20.5	6.1	930
	09-11	6.5		+	40.3		ļ		· <u></u>		30.1	23.1	6.2	930
	12-14	3.0		 	40.6		<u> </u>		 	,	33.8	72.6	6.5	929
	15-17	6.1			36.6		ļ	-	ļ		31.8	25.5	6.5	930
	18-20	12.5		ļ	37.4		ļ -	ļ		ļ	22.5	27.6	5,9	930
	21-23	17.5			37.0				<u> </u>		21.7	23.1	5.4	93(
					+									
						-								
10	TALS	11.5			39.3							22.9	5.8	7430

USAPETAC PORM 0.9-5 (OL.I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATULURY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SKY COVER

KSC SHUTTLE APT FL STATION NAME 12868

59-78

NUV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			P	ERCENTAGE F	REQUENC	OF TEN	THS O	TOTAL	SKY CO	VER			MEAN	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5		6	7	8	9	10	SKY COVER	OBS.
NUV	00-02	25.8		• • • • • • • • • • • • • • • • • • • •	34.3		<u> </u>					21.0	18.9	4.8	900
	03-05	26.9		+	32.7		 					19.7	20.7	4.8	895
	06-08	14.6		ļ	40.2		-					24.2	20.9	5.5	895
	09-11	14.2			34.3						+	29.2	22.2	5,9	900
	12-14	10.6		<u> </u>	38.0		-	1			:	30.2	20.7	5.9	900
	15-17	8.9			37.5							31.5	22.1	6,2	899
	18-20	15.9			34,9		ļ					26.9	22.3	5.7	900
	21-23	24.0			34.0			-			+	21.3	20.1	5.0	900
				}											
TC	TALS	17.7			35.8	 						25.5	21.0	5.5	7189

PORM 0.9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE. USAFETAC

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

SKY COVER

12868	KSC	SHUTTLE	APT	FL
STATION			STATIC	N NA

69-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			Р	ERCENTAGE	FREQUENC	OF TENTH	S OF TOTAL	SKY COVE	R			MEAN TENTHS OF	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	
DEC	00-02	27.2		•	30.5			· 	:	:	19.0	23.2	5.0	93
	03-05	28.7		+	27.1			:			20.4	23.8	5.0	93
	80-90	16.6		<u> </u>	32.2		_	·	: •		26.2	25.1	5.8	93
	09-11	15.4		·	31.9				<u> </u>	•	27.2	25.5	6.0	936
	12-14	11.0		 	35.5			-	<u> </u>		27.1	26.4	6.1	921
	15-17	12.4			35.3			ļ 	ļ ————	ļ	25.1	27.3	6,0	930
	18-20	21.1			29.7				ļ 	<u> </u>	22.1	27.0	5,6	92
 -	21-23	30.1			26.8					<u> </u>	19.2	23.9	4.9	92
-			 -			 								\
TC	TALS	20.3			31.1						23.3	25.3	5,6	743

FORM 0-9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE. USAFETAC

GLUBAL CLIMATULUCY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

2

SKY COVER

1286B KSC SHUTTLE APT FL
STATION STATION NAME

49-79

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			P	ERCENTAGE I	REQUENC	Y OF TENTH	IS OF TOTA	L SKY COVE	R			MEAN -TENTHS OF	TOTAL
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	
NAL	ALL	17.5			32.3		:		+		23.2	27.0	5.8	142
FEB		23.0			28.2					•	20.7	28.0	5,5	676
MAR		21.5		!	35.7		•				20.9	21.9	5,2	142
APR		24.4		•	37.6					•	20.8	17.9	4.8	719
MAY		15.3	<u> </u>		36.1		<u> </u>	<u> </u>			26.7	21.9	5.7	742
JUN		6.8		· ! •	37.5		ļ	! 	<u> </u>	! i •	30.8	24.9	6.4	719
JUL		7.3		1	38.5		<u> </u>	-			31.9	22.3	6.3	743
ΔUG		6.6			44.0		· · ·				29.0	19.6	5.9	743
SEP		5.8			44.0		ļ				29.0	20.6	6.0	7199
act		11.5			39.3		ļ 			ļ •	26.3	22.9	5.8	7431
NUV		17.7			35.8			<u> </u>		:	25.5	21.0	5.5	7189
DEC		20.3			31.1						23.3	25.3	5.6	743
101	TALS	14.8			36.7						25.7	22.8	5,7	8755

USAPETAC FORM 0.9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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U S AIR PORCE MVINOMORNIAL TECHNICAL APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dev points, and relative hunidity. The order and menner of presentations follows:

- 1. Occulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit indrements, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - s. Daily meen temperatures

2022: Deginning in Jamesy 1964, daily maximum and minimum temperatures are routinely selected from ourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Flease refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- 2. Extreme values derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Meens and standard deviations are computed for souths and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - NOTE: Direct entwersion of temperatures from Celsius to Fahrenheit values Extreme maximum temperature results in the exclusion of certain values. The conversion method used
 - Extreme minimum temperature at OL A to present these data may result in differences not exceeding + 1°F from directly converted values but excludes no Fahrenheit values.

 The following symbols are used in the extreme data blocks:
 - - (1) . indicates the extreme was selected from a month with one or more days missing.
 - (8) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverge

- Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.
 This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.
 - NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.
 - b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dev-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2) , sums of values (ΣX) , means (X), and standard deviations (σX) . The number of observations used in the computation for each element is also shown.
 - c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dev-point temperatures, and total number of hours possible in the period represented. Hean number of hours is shown to tenths and indicates mean number of hours per year in the ennual summary, or mean number of hours per month in the tabulation by month.
 - NOTS: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dev-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- h. House and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and again at the bottom for all hours sombined. Records for all years combined are presented in the following three tables; DEY-NULS TROPERATURE, WHY-NULS TROPERATURE, and DEM-POINT TROPERATURE.
- 5. <u>Cumulative percentage frequency of occurrence of relative hunidity</u> This summary is derived from hourly observations and presents the sumulative percentage frequency of occurrence of relative hunidity by increments of 10% classes, plus the mean relative hunidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

2

TERRETAL CLIMATULETY STAFCH CHARACTAL ALR EATHER SERVICES ACT FL 1280 KOC SHITTLE APT FL STATION NAME

DAILY TEMPERATURES

7-7

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

LAXTON 1

	TEMP (°F)	JAN.	FEB.	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥	>5					, 1	3 .	, 4	. 1					• 1
≥	90				1.5	3,7	11.1	1.7.9	12.8	3.9	. <u>•</u> 5			4.4
_≥	n 5		• .	4.4	_ 10•3.	25.	61.1	89.6	92.2	74.1	19.8			31.5
_≥	80	5.0	8 • 4	19.2	42.5	82.4	97.7	99.4	99.7	97.7	68.5	25.2	5.6	54.6
≥	75	25.7	27.4	48.8	a0.7	97.5	.100•0.	100.0	100.0	100.0	92.7	54.6	4 ، ١٠	72.5
≥	70 _	20.9.	49.0	73.8	95.1	99.9					99.1	. d6.2	00.9	84.8
≥	_ دن	70.7	70.0	89.3		100.0			•		100.0	94.7	. <u>80.4</u> .	97.1
≥	60	. 35.€°.	05.°		100.0							97.9	91.8	96.5
≥.	55	73.4	95.0	39.0								99.7	96.9	98.7
2	ي ٥٥ ز	77.4		100.0								100.0	99.4	99.7
≥	45	99.3	100.0								•		90.0	90.9
2	40	99.7						-					100.0	100.0
≥	_ 55_	100.0											•	100.0
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<u>.</u> .	44645		· Pary	777	**************************************		OF A	67.4	07.2	85.6		75.4	70.3	78.7
	MEAN S. D.	8.454	7.034	6.949	78.4	3.661	85.4	2.340			81.1 4.057	5.708		8.762
	TOTAL OBS.	682	621	642	659	582	660	582	665	560	682	460	682	8034
	IUIAL UBS.	00%	726	006	037	70/	000	702	007	990	00%	110(1	792	0(1)-4

USAF ETAC PORM 0-21-5 (QL 1) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

SEE LIGHT BUTY OF LE

STATION

126 LATTER SERVICE/TAC 126 LATTER SERVICE/TAC 126 RSC SHITTER APT FL STATION NAME

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM DAILY OBSERVATIONS)

Jaraca

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ ()							. 4	. 1	.6				• 1
≥ 75		•	•		1.	13.4	24.9	25.7	29.1	13.0			ი.ტ
≥	• 3	•	1.2	10.2	37.4	76.1	89.7	91.8	87.7	51.5	9.7	1.5	39.5
≥ 65	6.6	6.9	17.9	42.4	73.4	90.7	99.6	100.0	97.9	76.1	33.7	13.0	55.°
≥ u0	22.6	22.2	41.5	0.80	80.1	99.7	105.0	. = :: - : :	99.8	87.7	57.5	32.4	65.5
≥ 5 5]	44.9	37.0	59.5	04.1	97.4	100.0		•	100.0	96.3	75.2	48.8	78.9
ي وَوَّدٍ ≤	60.9	53.9	78.3	92.4	99.7		•	•		93.5	65.6	62.0	84.1
- 2° ≥ 45	73.8	70.7	90.3	97.9	99 6	•	•	•	•	99.6	93.6	77.0	92.0
~ ≥ 40 "	3.7	85.A	90.5	99.5	100.0	•	•	•	•	100.0	98.9	57.3	96.1
_ ≥	93.7	05 2	99.1	99 A	101/01		•		•	100.	99.8	95.0	98.6
		97.3			•		•	•	• -	•	100.0	97.5	99.2
. ڊو 	<u> 76.0</u>		99.6	100.0							100.00	99.3	99.8
≥ 30	38.B		100.0	:									
≧ 25 .	TANTO	100.7										100.0	100.0
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<u></u>			<u>+</u>	<u></u>					 				
≥ MEAN	51.2	50.5	56.2	61.7	66.9	71.4	72.7	72.8	72.9	68.5	59.7	52.9	63.1
S. D.	9.887	9.697	8.327	7.194	3.201	3.067	2.670	2.484	3.080	6.616	8.457	0.223	10.952
TOTAL OBS.	662	621	682	659	162	660	682		560	682	660	687	8034

USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLICAL CLICATELERY CHANCE USAN TAL ALE LATTER SERVICE/MAC LABOR KSC SMITTLE APT FL STATION NAME

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

T 4"

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
ځي ځ					<u>. 1</u>	1.4	2.3						4
_ ე		+	<u>. 1</u>	1.5	7.2	38.0	64.8		57.4	14.2			20.4
2 75	6		<u>. 5.0</u>	23.7	60 • n	95.2	99,3	79.7	97.7	61.6	. 11.8	2.8	46.9
70.	13.0	. <u>13•</u> 3	8 ورد	<u>50.4</u>		100.0	100.0	100.0	100.0	87.2	40.5	18.2	63.7
65	37.2	31.2	55.7	64.7	99.		•		• · · •	96.0	73.2	43.0	76.9
<u> 6</u> 9	26.7	<u>51.9</u>	79.3		100.0					99.3	88.3	65.0	86.3
≥ 55	74.9	72.7	90.8	99.4						100.0	95.6	1.1	92.9
<u> </u>	96.1	88.4		100.0			+		•		98.9	91.5	96.9
<u>45</u>	34.6	97.1	99.7								99.8	97.4	99.1
≥ 4 <u>0</u>	<u> </u>		100.0				• •- • •		· • • ·- ·-	+	100.0		99.R
≥ 35		100.0	+						+		• • • •	100.0	100.0
0د ≤	100.0						4						100.0
≥	-												
≥ .	<u>.</u> .							•	+				¥
≥	+		1										
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MEAN	60.1	39,R	05.1	70.3	74.0	78.7	80.3	30.3		74.8	67.8	61.8	71.1
\$. D.	8.607	P.119	7.048	5,360		2.584			2.199	1	6.512	8.115	9.504
TOTAL OBS.	682	621	682	659	603	660	482	682	660	682	660	682	8034

USAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

and the state of the lateral country contribution of

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

12868 STATION

2

KSC SHUTTLE APT FL STATION NAME

57-79

YEARS

FROM DAILY OBSERVATIONS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
57						94	93	94	89	85	85	78	
58	75	82	83	88	85	96	91	93	94	89	83	77	96
59	81	84	85	87	87	90	91	90	91	91	84	77.	9)
60	82	82	83	86	87	89	90	91	91	86	82	76	9
61	80	81	87	89	91	92	95	94	92	87	82	76 85	95
62	82	83	86	83	94	91	92	92	89	89	81	78 79	94
63	81	80	84	89	90	94	91	92	92	86	79	79	94
64	79	78	86	86	87	92	94	91	90	87	81	78	94
65	82	86	88	89	89	89	88	90	92	90	80	82	92
	79	77	79	82	89	90	93	90	89	88	83	77	93
66	84	82	86	92	93	89	90	88	88	86	83	82	93
68 :	79	73	81	94	90	89	91	90	90	87	83	79	94
69	79	79	85	85	86	90	96	92	90	87	81	77	96
70	77	77	88*	87	87	93	90	93	90	86	82	82	93
71	83	80	87	94	93	94	92	91	88	89	84	82	94
72	82	81	84	90	87	93	89	90	90	86	85	83	93
73	82	80	83	85	95	91	93	91	90	87	85	79	95
74	83	84	89	85	8.8	90	93	90	91	88	85	78	93
75	83	87	89	90	90	92	92	90	89	88	83	79	92
76	76	84	86	89	87	87	94	91	92	87	83	79	94
77	80	78	87	86	87	94	92	91	92	90	82	82	94
78	79	77	87	88	91	93	96	95	93	90	84	85	96
79	79	81	81	90	90								
MEAN	80.4	80.7	85,2	88.0	89,2	91.5	92.1	91.3	90.5	87.7	82.7	79.7	93.
\$. D.	2.239	3.312	2.684	3.201	2.742		2.114	1.673	1,595	1.644		2.676	1,490
TOTAL OSS.	682	621	682	659	682	660	682	682	660	682	660	682	8034

HOTES + (BASED ON LESS THAN FULL HONTHS)
USAF ETAC MIN 040-5 (OLA) # (AT LEAST DNE DAY LESS THAN 24 OBS)

+27, 48,7

and a series of the series of

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

12868 KSC SHUTTLE APT FL STATION NAME

WHULE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	ост.	NOV	DEC.	ALL MONTHS
57						66	70	67	70	51	48	27	
56	30	30	41	56	55	67	69	71.	71	55	50	40	3(
59	32	53	40	50	55	67	69	70	68	53	39	39	3;
60	33	39	38	48	54	61	71	68	67	55	54	33	3
61	34	37	35	46	57	58	70	70	68	50	54	32 5	32
62	35	45	34	47	59	68	67	72	67	55	44	25	2:
63	37	36	39	45	54	65	68	69	70	46	43	33	33
64	29	35	43	44	56	66	69	69	62	54	49	43	29
65	30	28	41	48	47	57	67	66	67	57	48	40	28
66	28	32	37	44	62	69	65	69	63	51	43	31,	
67	36	33	44	47	54	67	68	65	65	58	47	42	3;
68	31	36	30	51	51	66	66	68	64	48	38	25	2:
69	38	35	35	54	56	66	70	68	71	65	35	31	3)
70	28	31	44*	50	51	61	62	69	65	61	34	30	2
71	30	31	34	34	44	61	66	68	66	62	43	53	3(
72	46	34	47	42	59	60	69	67	59	56	45	31	31
73	31	33	46	40	56	65	68	66	68	44	52	32	3)
74	50	31	44	47	55	66	66	67	69	53	43	36	31
75	38	42	42	37	62	67	60	67	68	61	37	34	34
76	31	30	43	44	56	65	68	67	64	51	41	33	3(
77	26	27	32	42	50	68	66	71	68	40	40 56	31	20
78 79	28 32	25 35	38 47	52 50	63 54	68	72	66	69	59	20	49	
MEAN	33,3	34,5	39,7	46.1	55.0	64,7	67.5	68,2	46.8	53.9	44,7	35.0	27,1
S, D.	5.842	6.239	4.920	5.356	4.619			1.842				7,185	2,83
TOTAL OBS.	682	NOTES	682	659	682	660	682	682	660	682	660	682	803

NOTES 4 (BASED ON LESS THAN FULL MONTHS) USAF STAC AND OGS-5 (OLA)

12863 KSC SHUTTLE APT FL (F) 74/ 73 72/ 71 70/ 69 .2 4.4 1.d 1.4 7.2 1.3 68/ 67 66/ 65 1.4 5.6 1.4 1.1 0.0 1.5 64/ 63 1.2 3.4 • 8 62/ 61 60/ 59 1.1 58/ 57 3.6 1.2 1.4 .4 3.4 1.0 55/ 55 54/ 53 3.0 1.5 52/ 51 2.0 50/ 49 48/ 47 46/ 45 1.1

USAFETAL

GLOBAL CLIMATULURY SPANCH

AIR SEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

PAGE 1

0000-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 66 22 24 98 61 35 90 83 83 89 76 74 56 56 72 84 73 73 73 59 71 62 • 5 68 48 56 56 . 3 50 • 2 46 29 25 25 32 26 30 30 14 17 44/ 43 2.4 40 40 18 1.0 41 . 6 42/ 41 1.3 27 27 34 40/ 39 29 27 25 25 38/ 37 30 30 ٤. 36/ 35 . 5 15 34/ 33 31 26 30/ 29 18 28/ 27 14 26/ 25 5 24/ 23 22/ 21 6 20/ 19 18/ 17 3 16/ 15 14/ 13 10-057-419-d 929 929 Element (X) No. Obs. 86.212.257 = 67 F = 73 F = 80 F = 93 F Rel. Hum. 704723 80109 929 2 0 P ± 32 ₽ 57.110.326 54.910.761 52.912.354 929 93 17.2 Dry Bulb 3132026 53082 لعذ 2909765 2744086 929 93 929 93 Dow Point 1.4

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USAPETAC

GLOBAL CLIMATBLUCY BRANCH USAFETAL AIR PEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 KSC SHOTTLE APT FL 10-79 JAN MONTH

STATION STATION NAME PAGE 1 0-300-0-500 Hours (c. s. t.)

WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 a 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point • l; 74/ 73 . 1 72/ 71 70/ 59 .1 2.9 1.5 44 15 .0 6.7 __6 74 74 37 68/ 67 ٥<u>د</u> 49 66/ 65 1.1 5.5 1.4 • 4 80 80 79 2.4 5.4 1.4 64/ 63 82 77 64 77 62/ 61 1.d 4.d 1.3 • i 74 60/ 59 • 1 59 74 71 3.3 65 58/ 57 60 60 1.5 3.4 1.2 63 - 4 58 1.4 4.5 1.4 55/ 55 81 81 57 • 4 54/ 53 52/ 51 . 3 3.2 5 Q • ५ • 2 63 45 49 38 2.8 38 46 .2 2.0 50/ 49 • 1 28 48/ 47 25 32 25 39 34 46/ 45 .1 2.4 1.0 39 44/ 43 1.6 32 28 1.0 32 41 22 1.5 1.4 42/ 41 29 29 23 40/ 39 35 23 . 9 22 18 38/ 37 25 23 - 5 22 36/ 35 26 34/ 33 16 27 28 16 20 32/ 31 . 3 10 30/ 29 17 • 4 28/ 27 15 26/ 25 6 3 5 24/ 23 22/ 21 20/ 19 6 18/ 17 16/ 15 2 14/ 13 12/ 11 10/ 6/ Element (X) =67 F = 73 F = 80 F = 93 F 1 32 F Tetal 10F Rel. Hum. Dry Bulb Wet Builb Daw Point

FORM G-26-5 (OL.A) arvisto mevious sorrioni

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USAFETAC FORM 0.26-5

GLOGAL CLIMATGLGTY SPANCH USAFFTAG AIR HEATHER SERVICE/MAG

12868 STATION

KOC SHITTLE APT FL

PSYCHROMETRIC SUMMARY

The state of the s

PAGE 2 0300=0500 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 TUTAL 14.656.619.2 6.8 2.7 .1 929 929 Element (X) Z_X, X No. Obs. Mean No. of Hours with Temperatu 87.611.958 55.910.374 54.010.829 52.212.445 929 929 929 7256290 3003921 81350 51941 +47 F = 73 F = 80 F 10F ± 32 ₽ ≥ 93 F Tetal Rel. Hum. 14.q 7.5 93 Dry Bulb 1.4 50128 48454 93 93 2813694 2670956 Wet Bulb 3.6 Dew Paint

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(AC FORM 0-26-5 (OL A) REVISED PREVIOUS EBRIONS OF

PORM ARE ORSOLETE

GLOEAL CLIMATULURY SPANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR MEATHER SERVICE/MAC 12802 STATION KSC SHITTLE APT FL 70**-**79 PAGE 1 0600-0000 Hours (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 74/ 73 1.3 72/ 71 70/ 69 .4 2.8 1.5 • 4 21 18 2.6 5.5 68/ 67 1.0 59 59 19 66/ 65 . 0 • 1 92 92 78 85 64/ 63 4.4 75 74 4.4 62/ 61 1.0 • 🦃 . 2 7Q 71 70 62 60/ 59 1.7 3.0 57 5<u>5</u> 57 63 3.2 4.6 1.7 3.0 58/ 57 77 81 81 82 56/ 55 62 54 54/ 53 -4 4-1 1.3 . 1 • 4 59 59 34 46 52/ 51 52 59 54 50/ 49 .4 2.3 34 50 34 43 48/ 47 40 27 46/ 45 .1 3.0 40 36 44/ 43 1.d 32 17 29 42/ 41 1.5 • l • 1 25 25 26 40/ 39 29 29 23 31 38/ 37 1.0 27 27 21 23 36/ 35 1.1 31 34/ 33 1.3 • d 18 14 17 26 32/ 31 13 26 30/ 29 • 0 10 12 28/ 27 12 13 . 2 26/ 25 23 24/ 22/ 21 20/ 19 5 3 18/ 17 ğ 5 15 16/ 0.26.5 12/ 11 TUTAL 17.655.617.9 6.9 930 930 930 12 93d Element (X) Zx' 87.912.014 No. Obs. Mean No. of Hours with Temperature C C 7315964 81726 930 Rel. Hum. =67 F = 73 F = 80 F = 93 F 10F 1 32 F Total 930 55.11c.729 2.8 Dry Bulb 2951524 31434 7.9 93 2771578 49698 930 Wet Bulb 5.3

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Dow Point

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GLOBAL CLIMATOLDAY BRANCH USAFITAL AIR EATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

12833 KSC SHUTTLE PPT FL PAGE I 0900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 80/ 79 - 1 27 72 78/ 77 1.4 75/ 75 2.0 4.0 1.0 72 74/ 73 .3 4.4 3.7 37 82 .4 72/ 71 .1 1.8 4.J 1.S ชไ 81 49 12 • 4 .4 3.4 2.9 1.4 70/ 69 95 119 65 109 85 35 68/ 67 1.0 3.2 1.8 1.5 114 2.7 .7 .9 1.1 104 66/ 65 .4 76 76 64/ 63 .4 2.6 49 74 •6 •0 ڌ . • Ü 62/ 61 .4 1.7 1.3 • 4 51 . 3 . 1 49 45 60/ 29 2.0 1.1 1.0 • 4 • 1 44 58/ 57 39 1.4 1.4 .3 40 40 54 56/ 55 . 8 1.2 40 1.2 . 1 . 1 42 39 54/ 53 • a 1 • Z 52/ 51 • 4 ٠,5 . 3 . 3 . 1 31 31 31 30 • 4 50/ 49 31 38 48/ 47 28 - 8 24 24 54 46/ 45 20 32 15 15 44/ 43 24 19 • 2 • 6 • 1 42/ 41 .5 40/ 39 12 21 •4 38/ 37 24 . 3 34/ 33 32/ 31 . 4 10 30/ 29 19 28/ 27 11 26/ 25 24/ 23 10 22/ 21 20/ 19 6 18/ 17 16/ 15 No. Obs. Mean No. of Hours with Temperature = 67 F = 73 F = 80 F = 93 F Rel. Hum. 2 0 F s 32 F Dry Bulb Dow Point

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USAFETAC

SECOND SEIMATULUTY BEANCH USAFFTAS AIR HEADMER SERVISE/MAS

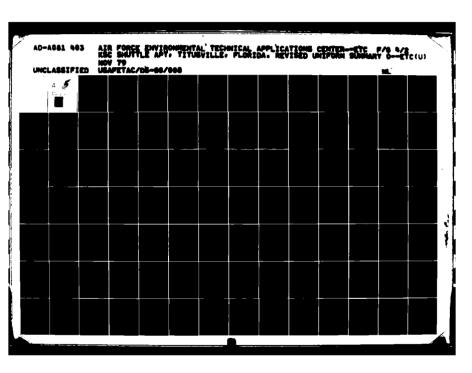
PSYCHROMETRIC SUMMARY

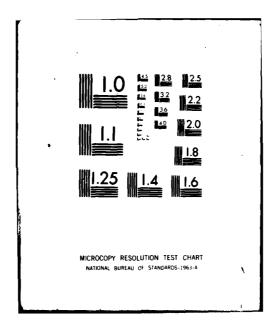
12367 KSC SHUTTLE APT FL PAGE 2 (1930-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 12/ 11 TETHI 2.422.427.125.712.2 0.3 2.4 . 10 950 9,0 0-26-5 (OL A) 12 ZX' No. Obs. Mean No. of Hours with Temperature ZX Element (X) I *****A 93₀ 5457255 6978 *47 F = 73 F = 80 F = 93 F 75.015.241 Rel. Hum. 62.810.770 58.311.231 54.413.871 930 93 Dry Bulb 44.6 .1 3777407 58419 18.5 • 6 930 3274657 54189 2.5 26.9 93 1.1 Wet Bulb 930 Dew Point 2928173 50565 18.4 93

GLODAL CLIMATELETY PRANCH USAFTIAL AIR HEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808	KaC Si	11161	A P STA	TION NA	ME					7 :			E ARS				MONT	Q :
															PAR	. 1	HOURS IL.	-] ., () . S. T.)
Temp.							TEMPER								TOTAL		TOTAL	
(F)	0 1 2	3 - 4 5	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	- 24 25 - 2	6 27 - 28 29	- 30 = 31			Wet Bulb C	ew Po
62/ 61			- 1	• 3	• 2	1.4	4 .2			Ì			1		24	74		
80/ 79			<u>• 4</u>	2.5	100		1			<u> </u>	ļ			<u> </u>	44	44		
78/ 77		• 2	2.3	7.7	1	• •	i		İ	į	1				110	114		
16/ 75		• 4	4.4	301	200		1 1	3	<u> </u>	1	 		·		91	98	1	
74/ 73	• 2	1.4	1.7	2.4	1.8		4 .4	ŀ	!	-	1	i	i		13	73	21	
72/ 71	• 5	1.0	1.1	1.4	1.6	1.	I		<u> </u>		<u> </u>		·		. 75	75	11	
70/ 69	د .	1.2	1.4	1.1	1.5		4		1		1	!			シブ	57	150	5
08/ 67	1.1	1.7	. 4	1.1	1.0		1 .4			<u> </u>	<u> </u>				69	60	73	7
66/ 65	• d	E.	1.3	• 9	1.2	1.7	4 .2	• 6	4 . 1	ı					29	59	17	11
64/ 63	5	• 4	. 5	• 4	• 0	• •	4 . 1	. 4	!	<u> </u>			<u> </u>		33	33	73	ŧ
62/ 61	. 5	• 3	. 5	1.0			4 . 1	• 1	4 - 3	Ļ		Ì		,	36	36	ş	7
60/ 59	.1 1.2	1.0	1.0				3 . 3	• 3			L				54	54	63	
58/ 57	.2 .2	1.0	1.0	1.1	• 2	• •	.3	• 1	i . I	Ĺ			,		42	42	44	4
56/ 55	4	• 4	1.1	. >	• 2	. 4	1	• 1	1		<u> </u>		1		30	34	29	4
54/ 53	. 1		. 1	.0	- 5		1						1 7		24	24	48	4
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50/ 49			1.3	.4			. 5			1	-				25	25	35	3
48/ 47	ړ.	• 1	. 5	• 4	• 2		4			1	1		i i	i _	16	19	19	
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44/ 43.		• 2	. 9				i i		i	ł		!		1	7	7	2 د	2
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38/ 37			. 2										1		2	2	18	1
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32/ 31			- 7	i					İ]					ģ	i
30/ 29										1	T				1	+		
28/ 27	1	i	1	1					ĺ	1	! !				i	:	;	j
26/ 45			一十						1	ţ	1		1		1			
24/ 23		1	-	į]]						1 1	i		'		
22/ 21							1			1	1		1 - 1-		1			
20/ 19		i i	1	j]									
18/ 17									 		 	!	1		++			,
16/ 15			1				1 1			i L	1		1		1 ,			
Element (X)	ZXI		<u>+</u>	×		Ī	7,	7	No. Ol	is. 1			Mean No.	of Hours wi	th Temperate	***		
Rei. Hum.		 +		-	_	~ _	 -	\dashv			2 0 F	± 32 F	≥ 67 F	≥ 73 F	- 80 F	• 93 F	t	000 (
Dry Bulb					+		 	_				 	+	 	+	•	•	
Wet Bulb					+-		 	\dashv				+	 	 		 -	+	
Dew Point							 					+	+	 	+	+	•	





GLOSAL CLIMATULUMY BRANCH USAFFTAL **PSYCHROMETRIC SUMMARY** AIR REATHER SERVICE/MAC 12868 KSC SHUTTLE APT FL STATION NAME PAGE Z WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 14/ 13 12/ 11 TUTAL .3 6.410.923.027.217.5 8.9 3.4 1.4 930 930 930 930 ತ 0.26-5 12 Element (X) Zx' •, 64,315,450 67,210,072 59,910,394 54,013,790 4067729 930 930 59767 ±67 F = 73 F = 80 F = 93 F Rel. Hum. s 32 F Total 2 0 F 93 62454 55.1 35.9 Dry Bulb 4.2 930 33.0 Wet Bulb 3432306 35066 2.4 93 • 8

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CHARLES SERVICE

2888423

Dew Point

GLOBAL CLIMATOLUCY BRANCH USAFETAC AIR PEATHER SERVICE/MAC

KSC SHUTTLE APT FL

1286H

PSYCHROMETRIC SUMMARY

JAN STATION PAGE 1 1500-1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point (F) 84/ 83 82/ 61 50/ 79 .5 2.0 3.1 29 • 3 - 1 78/ 77 64 75/ 4.7 90 90 1.4 2.3 3.9 74/ 73 93 93 17 72/ 71 1.0 3.2 1.5 1.4 34 80 62 70/ 69 72 40 3.4 1.4 72 .9 84 68/ 67 .9 2.0 62 1.4 62 91 66/ 65 1.1 71 92 1.4 71 83 96 04/ 63 60 60 .d 1.2 1.6 73 . 0 62/ 61 43 59 62 .5 1.3 60/ 59 35 35 65 58 • 3 • 2 - 1 39 48 58/ 57 1.1 56/ 55 • 8 . 6 1.0 • म 38 38 48 - 4 34 • 1 47 35 54/ 53 35 39 52/ 51 1.0 • 6 . 0 26 26 39 29 <u>• d</u> 29 50/ 49 • 3 36 41 13 48/ 47 13 34 • 3 -4 • 1 35 46/ 45 36 23 44/ 43 27 42/ 41 17 30 40/ 39 21 • 1 • 1 17 38/ 37 23 36/ 35 16 34/ 33 16 32/ 31 19 13 30/ 29 28/ 27 11 26/ 25 9 3 24/ 23 22/ 21 מנ 20/ 19 8 18/ Element (X) s 32 F #67 F = 73 F = 80 F = 93 F Rel. Hum. SOF Tetal Dry Bulb Wet Bulb Dew Point

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IJ GLOUAL CLIMATHLERY BRANCH USAFETAL **PSYCHROMETRIC SUMMARY** AIR JEATHER SERVICE/MAC KSC SHUTTLE APT FL 1280H 70-79 HTHOM 1500-1700 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dow Point 16/ 15 14/ 13 8/ 5 61 -2/ -3 TOTAL . d 7. d19.520. d20. d11. d 6.9 3.8 1. d 930 930 930 9 30 9 0.26-5 11 Element (X) Z_X, ZX ** Mean Ho. of Hours with Temperatu 4399317 62105 66.416.469 930 167 F 173 F 180 F 193 F Rel. Hum. 10F 1 32 F Tetal 4150784 61584 59.5 9.947 54.113.503 930 93 29.3 Dry Bulb 50.7 2,7 930 29.6

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GLOBAL CLIMATULUTY BRANCH USAFLIAL AIR REATHER SERVICE/MAC

KSC SHUTTLE APT FL

PSYCHROMETRIC SUMMARY

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12868 PAGE 1 1800-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 (F) 78/ 77 • 1 76/ 75 1.7 74/ 73 1.2 . 3 35 35 • 1 72/ 71 3.4 76 <u>13</u> 39 4.2 70 70/ 69 6.6 3.7 . 1 105 102 73 • 4 68/ 67 98 98 5.0 01 3.2 66/ 65 .5 5.2 2.5 1.0 87 87 90 78 75 83 64/ 63 4.4 75 92 2.5 59 59 78 62/ 61 1.4 67 60/ 59 56 50 62 2.0 52 1.7 1.1 • 1 40 48 58/ 57 48 2.3 1.7 45 56/ 55 2.3 1.9 1.1 52 65 43 . 9 . 5 49 54/ 53 1.3 1.0 . 5 40 40 44 52/ 51 <u>30</u> 34 50/ 49 • 8 30 1.1 . 2 28 24 -4 • 2 40 48/ 47 39 1.5 1.0 28 <u> 36</u> .6 46/ 45 1.5 • d 31 31 36 22 44/ 43 37 24 32 . 4 42/ 41 . 2 . 3 13 13 36 23 40/ 39 21 24 38/ 37 25 36/ 35 28 34/ 33 8 32/ 31 26 30/ 29 16 28/ 27 9 26/ 25 10 24/ 23 5 22/ 21 6 20/ 19 18/ 17 1 16/ 15 TUTAL 1.742.630.013.0 7.9 3.3 1.0 929 929 929 Element (X) No. Obs. 80,214,501 60,7 9,41 929 Rel. Hum. 6169604 74494 10F 1 32 F = 67 F = 73 F = 80 F + 93 F 929 3501770 93 Dry Bulb 56362 32.d 4.1 • 1 3142296 2879292 93 93 Wet Buib 53178 57.210.29 929 20.0 929 54.212.69 Dow Point 50358 15.4

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GLOBAL CLIMATOLOGY BRANCH USAFFTAL **PSYCHROMETRIC SUMMARY** AIR PEATHER SERVICE/MAC KSC SHUTTLE APT FL 79-79 STATION NAME 2100-2300 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.8./W.B. Dry Bulb Wer Bulb Dew Point 74/ 73 72/ 71 15 15 1.1 2.3 2.3 5.6 1.5 •4 77 28 70/ 69 77 52 68/ 67 109 90 109 66/ 65 5.9 . 5 85 85 75 1.1 • 3 85 83 64/ 63 77 77 79 62/ 61 ·4 4·9 1.1 55 55 49 65 78 60/ 59 74 67 58/ 57 59 57 .3 3.1 1.5 • 5 59 66 56/ 55 1.0 2.0 44 48 45 54/ 53 38 38 41 1.4 1.1 53 52/ 51 2.2 30 30 3 a 32 33 33 43 50/ 49 33 1.7 ٠ نا 42 48/ 47 35 1.4 1.0 • 1 46/ 45 33 33 26 1.6 1.1 . 4 • 4 25 • 2 1.9 44/ 43 37 22 37 16 22 42/ 41 • 4 . 8 . 3 16 36 41 ٠ 40/ 39 22 22 37 1.5 22 22 22 Ĩ 38/ 33 36/ 35 .4 35 ð 21 34/ 33 10 32/ 31 1.0 17 30/ 29 17 • 3 28/ 27 13 26/ 25 24/ 23 11 5 5 22/ 21 19 ₹ 20/ 2 18/ 17 9 16/ 15 0.26.5 TUTAL 4.755.371.210.6 5.9 1.8 930 930 930 930 3 3 2 3 7794 Z Z, Element (X) No. Obs. Moon No. of Hours with Temperat USAFETAC 6699799 83.813.397 93C +47 F +72 F +80 F Rel. Hum. 10F 1 32 F * 93 F 58.410.284 55.110.803 53.312.563 34280 93 930 3266330 Dry Bulb 1.6 24.7 1.5

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PSYCHROMETRIC SUMMARY

KSC SMUTTLE APT FL PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./M.B. Dry Bulb Wet Bulb Daw Point (F) 84/ 83 32/ 31 • 3 •d ٠. <u>د د د</u> • 0 210 78/ 77 210 • 0 .4 1.0 .d 265 265 76/ 74/ 73 .5 1.4 302 1.2 302 72/ 71 .1 1.4 2.2 418 418 225 61 568 70/ 69 568 283 3.3 2.2 591 .7 4.3 1.9 597 68/ 67 645 645 666 66/ 65 . 4 4 . 1 609 609 740 1.4 671 550 64/ 63 556 .d 3.4 1.1 550 633 62/ 61 .7 2.8 1.0 438 438 503 528 .d 2.7 1.0 457 490 490 60/ 59 • 5 457 . 4 • 4 • 4 58/ 57 424 449 449 .1 2.4 1.1 471 56/ 55 2.1 • 4 .7 ٤. 393 393 401 . 2 395 . li . 1 350 54/ 53 328 328 371 52/ 51 .1 1.5 264 264 299 312 • 1 - 4 . 5 50/ 49 233 233 314 48/ 47 200 233 . 1 1.0 • 4 • 0 • 4 • 1 200 281 46/ 45 .4 1.4 • 4 211 232 205 •] 44/ 43 180 269 200 180 • 4 . 6 42/ 41 138 138 212 222 • 0 40/ 39 139 139 193 189 • 0 • 3 • 1 38/ 37 117 178 117 175 36/ 35 . 1 • 0 66 66 140 189 • 4 • 1 59 132 34/ 33 95 • 2 32/ 31 45 96 158 30/ 29 128 50 99 28/ 27 27 26/ 25 62 47 24/ 23 22/ 21 58 20/ 19 41 18/ 32 Element (X) +47 F = 73 F | +00 F | +93 F 10F 232F Rel. Hum. Dry Bulb Wat Bulb Daw Paint

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GLUSAL CLIMATULOGY GRANCH USAF; TAC AIR MEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

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PAGE 1 0000=0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 72/ 71 17 1.4 17 • 0 70/ 69 37 68/ 67 5.6 2.5 70 78 39 35 06/ 65 5.4 1.7 73 73 60 64/ 63 .2 2.0 .1 31 31 66 47 • 4 . 1 3.8 62/ 61 59 53 60/ 59 . 4 4.4 53 45 61 58/ 57 4.0 49 48 1.4 61 56/ 55 4.1 1.4 1.3 51 51 49 61 54/ 53 2.6 1.1 46 52/ 51 3.4 48 • 4 57 50/ 49 45 .4 3.4 1.3 47 48/ 47 48 50 46 46/ 45 3.9 57 50 3.0 44/ 43 1.3 1.4 48 48 50 43 ٤. 42/ 41 28 46 2.2 28 43 . 4 47 16 40/ 39 38 . 6 16 38/ 37 , 5 20 26 24 15 36/ 35 . 1 • 1 21 34/ 33 32/ 31 95 . 5 30/ 29 . 1 28/ 27 26/ 25 24/ 23 18/ 17 5.461.219.710.2 2.2 1.1 846 TETAL 846 846 846 Zz No. Obs. Mean No. of Hours with Temperature Element (X) I 85.611.496 55.3 9.702 53.6 9.926 50.911.118 Rel. Hum. 631257 72429 10F = 67 F = 73 F = 80 F = 93 F Total 846 46752 Dry Gulb 2663168 13.1 84 840 2455880 Wet Bulb 44802 84 846 1.1 0.4 2295419 43053 Dew Point 846 4.8

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GLOBAL CLIMATULUMY BRANCH USAFFTAC AIR REALHER SERVICE/MAC

KSC SHUTTLE APT FL

STATION NAME

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PAGE 1 0300-0500 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 26 29 - 30 = 31 D.B./W.B. Dry Bulb Wes Bulb Dew Point (F) 72/ 71 . 7 • 4 2.1 70/ 69 687 67 6.5 71 71 42 32 63 5.0 66/ 65 O B 64 69 3.7 64/ 63 • 1 42 42 3.8 62/ 61 46 46 . 7 49 60/ 59 4.9 58 58 59 45 58/ 57 53 54 . 4 56/ 55 5.9 67 46 41 57 57 58 54/ 53 52/ 51 3.4 53 53 56 1.7 . 1 56 • 4 50/ 49 3.1 45 45 38 47 46/ 47 4.0 o d 60 • 1 4.3 50 50 46/ 45 35 45 35 44/ 43 3.0 52 • 1 42/ 41 3.0 46 40 1.7 50 40/ 39 20 20 34 1.1 38/ 37 16 20 . 9 10 36/ 35 15 10 • 1 • 1 18 34/ 33 32/ 31 26 . 1 • 8 30/ 29 13 • 1 28/ 27 15 . 1 7 26/ 25 13 22/ 21 20/ 19 3 18/ 17 16/ 15 6. 67. 117.5 5.9 1.7 844 **644** TUTAL 844 Element (X) IX' 87,211,053 54,3 9,759 844 Rel. Hum. 6513510 73556 20F 2 32 F +67 F +73 F +00 F +93 F Terei 844 84 45824 2569252 Dry Bulb 10.4 44126 52.31c.037 50.311.312 Wet Bulb 2391928 844 2. 5.4 84 844 2256036 84 Dew Point 6.5 4.2

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GLUSAL CLIMATULERY BRANCH USAFFTAC AIR FEATHER SERVICE/HAC

KSC SHUTTLE APT FL

PSYCHROMETRIC SUMMARY

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GLOBAL CLIMATULURY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

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12868 STATION STATION NAME 0900-1100 HOURS (L. S. T.) PAGE I TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point (F) 80/ 79 • 5 • 1 78/ 77 .7 1.7 76/ 75 32 32 • 74/ 73 56 72/ 71 1.4 3.4 1.4 75 75 36 90 70/ 69 1.4 2.2 1.0 69 30 70 .4 2.4 1.7 1.7 69 68/ 67 69 01 66/ 65 1.7 55 65 16 57 .4 2.5 1.1 1.1 69 54/ 63 68 1.4 >8 02/ 61 1.3 1.4 01 61 2.0 62 60/ 59 2.2 2.0 54 66 66 • 5 51 58/ 57 62 62 35 .7 56/ 55 1.7 1.4 57 54 • đ • 4 54/ 53 40 40 50 52/ 51 23 2.4 40 55 - 4 ٠.4 • 4 • 9 <u> 50/ 49</u> 40 44 48/ 47 27 27 30 45 • 46/ 45 44 34 33 44/ 43 11 11 23 23 32 40/ 39 • = 11 2<u>2</u> 17 38/ 37 16 36/ 35 . 1 34/ 12 33 32/ 16

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

12859 KSC SHLTTLE APT FL PACE 2 1200-1400 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 20/ 19 18/ 17 16/ 15 14/ 13 TOTAL .5 6.0 8.315.d23.220.014.7 c.7 2.1 .46 846 Element (X) ₹, 60.415.559 66.8 8.697 58.6 9.854 51.911.991 Rel. Hum. 51136 56492 846 ± 67 F = 73 F = 80 F = 93 F 3295676 5 0 F s 32 F 3836196 2968719 45.8 Dry Bulb 846 25.7 4.2 84 4955 Wet Bulb 846 19.4 84 1.6 43896 Dow Point 2399118 846 5.9 7.d 84

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GLOBAL CLIMATULUSY BRANCH USAFFTAL AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

KSC SHUTTLE APT FL 12807 PAGE 1 1500-1700 HOURS (L. S. T.)

WET BULB TEMPERATURE DEPRESSION (F) 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | = 31 | D.B./W.B. | Dry Bulb | Wes Bulb | Dew Point (F) 86/ 85 54/ 83 42/ 41 80/ 79 78/ **77** 20 1.4 1.5 36 76/ 75 74/ 73 72/ 71 60 60 82 82 1.3 84 84 1.7 70/ 69 60 611 ó6 66 73 66 47 77 68/ 67 66/ 65 2.4 1.3 73 62 61 64/ 63 77 70 62/ 61 50 50 65 60/ 59 . 7 54 68 13 58/ 57 1.4 25 61 56/ 55 49 49 53 75 61 1.4 1.4 27 54/ 53 48 • 6 27 52/ 51 40 63 46 51 50/ 49 . 8 48 30 • I -4 48/ 47 46/ 45 30 31 40 44/ 43 42/ 41 27 33 40/ 39 38/ 37 21 36/ 35 34/ 33 15 29 8 30/ 29 28/ 27 8 26/ 25 24/ 23 2 22/ 21 20/ 19 Element (X) #47 F # 73 F # 60 F # 93 F 2 0 F 1 32 P Rel. Hum. Dry Bulb Wet Bulb

20 0.26.5

USAFETAC

GLOSAL CLIMATOLOCY GRANCH USAFITAC AIR VEATHER SERVICE/MAC

KSC SHITTLE APT FL STATION NAME

12838 STATION

PSYCHROMETRIC SUMMARY

FEB

PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 231 | D.B./W.B. Dry Bulb Wer Bulb Dew Point 18/ 17 16/ 15 14/ 13 TUTAL <u>. 4 7.813.529.320.813.612.2 7.8 2.5</u> 40 845 846 52.416.629 65.9 8.216 58.3 8.524 51.911.759 *67 F = 73 F = 80 F = 93 F Rel. Hum. 3550974 . 10F 1 32 F 52976 846 Dry Bulb 41.8 3733383 55769 846 84 2932222 2399650 49282 846 Wet Bulb 84 18.0 Dew Peint

BYTHED MENUCLY EDITIONS OF THIS YOUR ARE OBJOICE!

USAFETAC COM 0:26-5 (OLA)

USAFETAC 100m 0-26-5 (OL.A) INVISIONENTIAL SORINGE OF THIS FORM

PSYCHROMETRIC SUMMARY

GLOSAL CEIMATULENY BRANCH USAFFTAC AIR HEATHER SERVICE/MAC

1280° KSC SWITTLE APT FL 20-75 FEB

STATION NAME VEARS MONTH

PAGE 1 1800-200

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GLUBAL CLIMATCLURY BRANCH USAFFTAC AIR FFATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1280P KSC SHITTET APT FL STATION NAME PAGE 2 1800-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEFRESSION (F) TOTAL TOTAL 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 = 31 1 7 3 3 0 0 20 0 1 7 0 8 2 5 0 8 1 0 4 7 0 1 D.B./W.B. Dry Bulb Wet Bulb Dew Paint **(F)** 646 TOTAL U40 846 Element (X) ZX' Σχ TA. 65499 50788 77.414.267 50.0 8.620 840 5243053 3111754 *47 F * 73 F * 80 F * 93 F 20 F ± 32 F Rel. Hum. 840 84 Dry Bulb 22.4 56.1 9.031 52.611.074 846 11.0 Wer Bulb 2727348 47424 84 840 Dew Point 2442339 44481 84

PORM 0-26-5 (OLA) REWISED FREWOUS EDITIONS OF THIS FORM ARE OBSOILER

. 0359 **.**

 \mathbf{I} GLOSAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY ATR CEATHER SERVICE/LAC KSC SHUTTLE APT FL 128cs 2100-2200 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B.-W.B. Dry Bulb Wer Bulb Dew Point (F) 76/ 15 74/ 73 72/ 71 2.8 1.4 37 70/ 69 37 2.1 2.0 39 58/ 67 3.8 3.4 65 66/ 65 1.7 2.0 5.0 88 84 46 61 04/ 63 2.4 1.1 41 49 62/ 61 60/ 59 54 73 73 4.d 2.d 1.d 71 58/ 57 48 57 54 56/ 55 3.4 1.2 1.2 56 50 68 47 54/ 53 52/ 51 50 58 2.7 • ਜ਼ੋ • 4 •] <u>5 2</u> 50/ 49 2.4 48/ 47 51 45 40 3.0 51 د . • 1 37 46/ 45 49 3.4 1.1 1.5 44/ 43 46 . 4 31 2 d 42/ 41 32 40/ 39 1.1 • å • 1 12 12 38/ 37 28 13 29 13 36/ 35 1.2 34/ 33 19 10 32/ 31 • 7 30/ 29 . 4 28/ 27 26/ 25 . 2 6 24/ 23 2 22/ 21 2 ತ 0-26-5 2.554.722.614.3 4.4 1.5 846 846 846 846 Mean Ho. of Hours with Temperatu Element (X) USAFETAC 5978854 70348 63.212.363 840 ±47 F = 73 F = 80 F = 93 F Rei. Hum. 10F s 32 F 84 47888 56.4 9.810 846 2791810 Dry Bulb 1.1 14.6 53.410.016 840 2537680 45554 1.4 7.9 84 Wat Bulb

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GLIBAL CLIMATELERY BRANCH USAFETAC AIR MEATHER SERVICE/MAR

PSYCHROMETRIC SUMMARY

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GLOBAL CLIMATOLUCY BRANCH USAFSTAL **PSYCHROMETRIC SUMMARY** AIR SEATHER SERVICE/MAC 1286 KSC SIMITTEE APT FL FEB PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb | Wer Bulb | Dew Point (F) 20/ 19 19 16/ 15 11 14/ 13 8 10/ ı TUTAL 6766 3.438.619.414.610.3 6.6 4.2 6760 0706 6766 ŧ EDITIONS OF THIS (OLA) 0.26.5 11 519125 519125 Element (X) Z X' 76.117.103 41801907 6756 =67 F = 73 F = 80 F = 93 F 10F s 32 F Rel. Hum. 59.510.433 55.2 9.857 51.511.59 402343 672 672 24667085 6766 4.7 191.5 61.9 Dry Bulb 91.0 Wet Bulb 21237940 373160 6766 9.1 2.1

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GLOBAL CLIMATOLUCY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

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GEDWAL CLIMATULUDY BRANCH USAFFRAC AIR MEATHER SERVICE/MAC KSC SHUTTLE APT FL STATION HAME

PSYCHROMETRIC SUMMARY

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GLOBAL CLIMATOLUCY SCAMON
USAFFTAC
AIR PEATHER SERVICE/MAC

12868 KJC SMITTLE APT FL
STATION N.

PSYCHROMETRIC SUMMARY

PAGE 1 0600-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point (F) 76/ 75 74/ 73 • 1 1 21 72/ 71 ·1 3·1 1·4 ·9 7·7 2·4 12 46 45 116 70/ 69 50 68/ 67 1.0 7.4 2.5 . d • 3 • 1 114 95 88 114 66/ 65 1.4 6.7 1.5 109 109 04 64/ 63 1.0 4.6 1.3 1.2 81 85 82 61 3.8 62/ 01 73 66 50/ 59 . 4.7 1.4 72 72 79 69 61 58/ 57 3.6 59 73 55/ 55 58 73 . 0 56 .1 4.4 73 54/ 53 .5 2.0 47 63 52/ 51 . 5 .2 2.2 31 31 48 41 • 4 • 4 49 50/ 49 .4 1.2 48/ 47 . 8 33 .4 1.8 3 d 30 25 . 4 29 27 46/ 45 26 .9 44/ 43 . 4 20 42/ 41 ,40/ 39 . 4 11 17 38/ 37 15 36/ 35 10 $\frac{34}{32}$ 4 30/ 29 28/ 27 3 26/ 25 24/ 23 TUTAL 7.457.018.4 9.8 5.7 1.6 928 928 928 928 Element (X) ZX X 86.112.245 61.5 7.701 59.0 6.124 +67 F +73 F +80 F +93 F Rel. Hum. 92b 10. 1 32 F 7015379 79483 Dry Bulb 3565033 57073 928 29.9 2.2 93 Wet Bulb 3294624 928 93 54778 18.3 .1 Dew Point 3112098 5301 37.1 9.466 93

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SAFETAC MAN

GLOGAL CEIMATOLUTY BRANCH USAFRIAC AIR WEATHER SERVICE/MAC

KSC SHUTTLE APT FL

STATION NAME

PSYCHROMETRIC SUMMARY

MAR.

0900=1100 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 84/ 83 • 1 82/ 01 20/ 79 1.1 1./ 1.0 . 3 - 1 46 40 78/ 77 76/ 75 2.7 4.4 • d 59 89 1.4 .1 2.1 4.4 2.4 1 . 4 1.0 . 3 . 1 123 123 74/ 73 .2 3.9 3.2 1.4 2.6 1.3 2.9 1.9 3.0 3.7 126 1.4 120 138 22 72/ 71 . 5 1.4 138 35 70/ 69 2.5 1.3 1.5 37 87 88 . 4 2.2 139 68/ 67 1.4 1.6 1.5 38 88 105 - 1 2.0 1.7 . 4 • d . 1 24 66/ 65 2.0 ol 61 93 1.0 • 4 1.4 1.0 100 79 54/ 63 1.0 47 47 • 4 1.4 1.3 32 62/ 61 1.0 • 4 96 66 60/ 59 . 1 . 9 1.0 23 23 50 • 4 • 4 - 4 • 1 € 2 58/ 57 58 21 15 15 15 56/ 55 . 1 • 1 - 3 74 • 4 • 4 • 4 46 54/ 53 65 39 52/ 51 • 1 19 35 50/ 49 38 48/ 47 16 46/ 45 18 44/ 43 20 • 1 42/ 41 14 40/ 39 14 10 38/ 37 36/ 35 10 34/ 33 10 3 32/ 31 30/ 29 5 24/ 23 20/ 19 1 .3 6.215.d21.422.719.5 9.4 930 TOTAL 2.9 93Q 930 93d Mean Ho. of Hours with Temperature Element (X) ZX, Σχ ·* 61978 930 4320740 66.614.314 70.2 6.619 Rei. Hum. +67 F = 73 F = 80 F = 93 F Tetal 5 0 F 1 32 F 93_C 93 65309 39.3 3.0 4627011 70.6 Dry Bulb 63.1 7.334 58.1 9.964 930 3.0 Wer Bulb 3752107 58677 35.9 43 93 3231541 930 54033 21.8 Dow Paint 1.9

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0-26-5 (OL. A) sevised mevicus epitions of this form are

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STATION

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GLMBAL CLIMATBLURY BRANCH USAFITAL AIR JEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

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USAFTAC AIR SERVICE/MAC AIR LATHER SERVICE/MAC LABOR KSC SHUTTLE APT FL STATION NAME

PSYCHROMETRIC SUMMARY

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Dew Point			411			534		57.	9.5	71 1	- 9	30			2.5	17.0	<u> </u>		+-		- 9

GEHERE LEIMATELUTY NRANCH USAFFTAL AIR MEATPER SERVICEY 'AC

USAFETAC

PSYCHROMETRIC SUMMARY

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12602 KAC SHITTLE APT FL 10-7. STATION NAME PAGE 1 1500-1:00 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 90/ 09 661 07 66/ 65 . 4 11 84/ 23 10 82/ 61 • 2 • 3 <u> 30/ 79</u> 62 68 78/ 77 .8 3.8 4.d 1.4 114 114 76/ 75 1.3 4.7 2.1 124 139 139 .2 2.4 3.2 2.0 3.2 2.9 2<u>1</u> 7<u>1</u> 72/ 71 · 4 1 · 3 1 · 4 2 · 5 2 · 4 94 94 1.7 97 87 87 70/ 69 .5 1.4 1.3 1.7 2.4 1.3 . 3 135 68/ 67 .4 ٠,5 2.5 <u>, g</u> 1.7 1.0 • q 79 79 04 66/ 65 . 6 49 49 89 ڌ. -6 1.4 1.4 14 - 4 • 4 - 4 64/ 63 40 62/ ¢1 60/ 59 . 6 • 3 15 15 94 73 . 1 . 3 71 • 4 22 • 1 58/ 57 . 3 16 70 56/ 55 38 66 53 54/ 53 • 1 - 1 • 3 32 5<u>1</u> 52/ 51 50/ 49 21 48/ 47 33 24 46/ 45 18 44/ 43 42/ 41 14 15 14 40/ 39 38/ 37 9 36/ 35 34/ 33 <u>2</u> 3 26/ 25 24/ 23 22/ 21 4 2 20/ 19 18/ 17 Element (X) ≥ 67 F = 73 F = 80 F = 93 F 107 s 32 F Rel. Hum. Tetal Dry Bulb Wet Bulb Dew Point

 \mathbb{Z} GLOUAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFFIAL AIR "EATHER SERVICE/MAC 12858 KSC SHUTTLE APT FL FA4 PAGE 2 1500-1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 e 31 0.8./w.8. Dry Bulb Wet Bulb Dew Point e 2 3-7 9-019-620-019-62-3 5-4 -1 1-0 -4 -1 929 929 THITAL ſ (OLA) 1 3 2 5 57600 57600 924 3788054 62.015.242 72.1 c.360 Element (X) USAFETAC Rel. Hum. +67 F +73 F +00 F +93 F 2 0 F 2 32 F 979 9.1 4895467 67179 51.4 Dry Bulb 53.1 6.746 57.4 9.750 38.3 Wet Bulb 3812299 59181 929 4.0

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Dew Point

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GLOBAL CLIMATULUMY BRANCH USAFRIAC AIR WEATHER SERVICEZMAC

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GLOBAL CLIMATBLORY BRANCH USAFETAL AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

KSC SHITTLE APT FL STATION NAME 1280P

PAGE 2

Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
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USAFETAC NOM 0-26-5 (OLA) RIVISO REVISIO RESPONS DE TINS FORM ARE OSCULETE

GLUBAL CLIMATULUCY BRANCH USAFFTAL AIR LATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12803 KSC SHITTLE APT FL STATION HAME PAGE 1 2100-2_00 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 78/ 77 • 4 76/ 75 74/ 73 .4 1.7 23 29 . ż 0.9 3.7 108 104 72/ 71 76 70/ 69 7.6 2.9 1.8 . 6 • 1 • 1 151 151 113 .1 5.5 4.9 1.6 .2 4.3 3.8 2.6 102 87 68/ 67 121 121 109 120 127 66/ 65 . 1 124 64/ 63 •4 86 113 4.3 1.5 66 104 .1 2.5 1.5 1.4 62/ 61 65 65 78 1.1 60/ 59 2.0 1.4 48 48 64 <u>• 5</u> 58/ 57 , <u>ų</u> . 2 64 57 2.0 46 46 1.4 63 56/ 55 2.0 • 4 44 54/ 53 1.5 . 3 . 1 29 61 1.1 • \$ 38 45 52/ 51 20 • 5 50/ 49 • 6 • 1 17 17 44 29 . 1 . . 34 48/ 47 28 46/ 45 • 4 14 12 19 19 44/ 43 21 42/ 41 10 40/ 39 11 38/ 37 . Ĩ • 2 36/ 35 10 34/ 33 32/ 31 30/ 29 3 28/ 27 26/ 25 24/ 23 TUTAL 1.543.028.515.7 8.5 2.0 927 927 . 1 Element (X) No. Obs. Mean No. of Hours with Temperature +67 F +73 F -00 F +93 F Rel. Hum. 638625 927 5 0 F ≤ 32 F 76106 82.112.208 927 64.0 7.018 60.7 7.589 58.3 9.117 93 Dry Bulb 3843886 59338 41.7 3.6 Wet Bulb 346765 56259 927 23.9 93 927 93 3223066 Dew Point 54004 18.5

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GLUBAL CLIMATULORY BRANCH USAFFTAL AIR WEATHER SERVICE/MAC

KSC SHITTLE APT FL

PSYCHROMETRIC SUMMARY

MAP

PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dow Point (**F**) 90/ 29 88/ 87 86/ 85 . ű • 4 32 - 4 . 1 45 84/ 63 95 82/ 61 99 • 4 233 233 80/ 79 371 371 78/ 77 1.2 2.0 76/ 75 393 393 525 74/ 73 .5 2.0 1.3 2.6 2.3 1.0 525 133 • 1 1.1 •1 95 72/ 71 688 688 411 .0 907 907 839 531 70/ 69 4.4 3.4 1.3 798 798 767 68/ 67 3.4 310 1.7 687 587 823 727 66/ 65 3.4 1.5 1.1 . 1 • 556 818 556 720 04/ 63 2.1 62/ 51 1.1 415 415 639 595 . 1 <u> 23</u>1 413 60/ 59 413 631 292 58/ 57 1.8 292 463 533 56/ 55 254 254 466 537 198 54/ 53 198 322 472 1.4 52/ 25d 392 298 50/ 49 115 115 255 48/ 47 111 111 172 280 46/ 45 202 • 0 65 63 134 155 38 44/ 43 <u> 38</u> 38 42/ 41 10 10 76 148 . 1 40/ 39 38 38/ 37 16 86 <u>35</u> 56 36/ 53 34/ 33 - 1 32/ 31 43 38 30/ 29 17 28/ 27 12 26/ 25 23 24/ Element (X) ± 32 F ±67 F = 73 F = 80 F = 93 F Total 1 0 F Rei, Hum. Dry Builb Wet Bulb Dew Point

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USAFETAC NOW 0.24.5 (O)

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GLOBAL CLIMATOLDRY BRANCH USAFETAC AIR REATHER SERVICE/MAC 12860 KSC SHUTTLE APT FL STATION NAME

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GLOBAL CLIMATELEGY BRANCH USAFFTAL AIR JEATHER SERVICES INC.

PSYCHROMETRIC SUMMARY

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12808 KSC SHITTLE APT FL PAGE 1 0300-0500 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL WEI BULB TEMPERATURE PEPRESSION (F)

1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 | D.B./W.B. Dry Bulb Wer Bulb Dew Point (F) 76/ 75 • 4 74/ 73 72/ 71 7.8 3.4 1.7 1.4 2.0 129 129 18 149 70/ 69 4.0 L.1 2.4 . 1 99 08/ 67 .3 5.6 3.8 2.0 1.4 1.0 133 95 133 101 op 5.6 1.8 1.0 90 82 66/ 65 - 4 90 110 64/ 63 1.1 4.9 .9 .3 GR 112 LOS 78 57 62/ 61 4 3.4 1.4 ۵نو 37 60/ 59 1.9 .d 1.d - 1 32 65 61 61 .2 3.3 1.8 58/ 57 5d 5 d . Ž 39 39 56/ 55 65 3.0 5Q 54/ 53 52/ 51 .4 2.4 35 50 45 22 55 22 .1 1.4 .0 32 1.7 30 50/ 49 21 48/ 47 15 15 26 46/ 45 1.0 44/ 43 10 17 • 0 42/ 41 14 13 40/ 39 38/ 37 4 36/ 35 4 34/ 33 TOTAL 4.155.371.3 9.4 6.6 3.1 900 900 900 900 Element (X) z x •, No. Obs. Meen No. of Hours with Temperature 76794 900 Rel. Hum. 6671822 65.411.517 = 67 F = 73 F = 80 F = 93 F Tetal 10F 1 32 F 64.2 7.433 61.9 7.389 59.0 8.172 900 3763534 45.4 Dry Bulb 57814 4.3 90 90 Wet Bulb 55313 900 344856 26.1 • 2 Dow Point 3254880 53622 90

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GLOEAL CLIMATGLORY SRANGA USAFETAC **PSYCHROMETRIC SUMMARY** AIR YEATHER SERVICE/MAC KSC SHUTTLE APT FL 12868 70**-7**9 APR STATION NAME PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 (F) .9 78/ 77 20 20 • d 76/ 75 3.4 2.1 4.1 1.6 6.9 4.0 1.1 74/ 73 93 93 26 72/ 71 39 140 14d 70 134 70/ 69 .4 5.4 4.0 1.9 1.4 . 1 134 128 113 • 4 3.1 91 08/ 67 4.4 104 104 1.4 101 90 66/ 65 ·2 3·9 1·d 1·7 31 81 112 64/ 63 2.9 <u>60</u> 08 60 107 • 1 52 62/ 61 -4 3.1 1.4 52 75 63 • 1 • 1 60/ 59 2.q 38 38 77 68 _• 2 58/ 57 23 1.4 23 57 65 56/ 55 35 2.2 70 54/ 53 • 1 36 49 1.4 40 27 52/ 51 50/ 49 11 19 48/ 47 19 46/ 45 44/ 43 15 42/ 41 40/ 39 38/ 37 • 4 . 1 36/ 35 34/ 33 3 . 1 32/ 31 900 900 3.140.474.314.1 9.1 6.1 2.3 TUTAL 900 900 ₹ ತ 0.26.5 13 73384 73384 81,513,378 66,7 7,128 Element (X) 900 6144474 Rel. Hum. 20 F 1 32 F *67 F = 73 F = 80 F = 93 F

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USAFETAC

Dry Bulb

Wet Bulb

Dew Point

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GLUBAL CLIMATULUCY EPANC: USAFFTAC AIR EATHER SERVICE/MAC

KSC SENTTLE APT FL STATION NAME

1280F STATION

PSYCHROMETRIC SUMMARY

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PAGE 1 0900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 (F) 68/ 87 66/ 85 84/ 63 101 203 1.4 25 . 7 54 80/ .1 2.7 4.3 4.3 1.3 . 3 129 129 5.4 3.3 78/ 77 od 4.1 104 164 76/ 75 ·4 1·2 2·2 3·4 4·4 148 148 13 74/ 73 72/ 71 125 3.0 125 46 100 125 45 .9 1.4 2.9 .6 1.7 1.3 1.1 100 1.1 1.2 70/ 69 66 96 -4 1-1 6á 120 39 68/ 67 33 139 •4 1•4 33 • 4 66/ 65 107 . 1 37 91 04/ 63 • 4 15 15 . 1 • 4 77 62/ 61 60/ 59 • 4 39 72 • L 61 38/ 27 39 25 56/ 55 54 47 54/ 53 39 52/ 51 11 50/ 49 24 48/ 47 22 46/ 45 20 21 5 44/ 43 42/ 41 40/ 39 4 38/ 37 4 36/ 35 2 34/ 33 1 32/ 31 30/ 29 900 TUTAL 2.8 6. 115.321.325.214.9 9.1 2.8 900 1.3 900 900 Element (X) No. Obs. 62.213.101 74.9 4.932 Rel. Hum. 5602 20F ≤ 32 F ≥ 67 F = 73 F + 80 F + 93 F Terel 3641509 900 85.0 65.1 14.5 Dry Bulb 5068929 67397 900 90 Wet Bulb 395992 5948 900 9.9 90 66.1 5.636 48.3 Dew Point 3363577 54544 60.6 6.030 900 90

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GLOBAL CLIMATOLUGY BRANCH USAFFTAC AIR TEATHER SERVICES/MAC

PSYCHROMETRIC SUMMARY

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Rol. Hum							-		<u>-</u>	_			_+	2 0	F	± 32 F	= 67		73 F	+ 80 F	• 93	F	Total
Dry Bulb									<u> </u>				_	<u>-</u> _	+	 :-	 	+-		 		-	
Wet Bulb	_								_				\dashv		\dashv		 			1	1	+	
Dow Poin													-		-					+		-+-	

GLOBAL CLIMATELEGY ARABON USAFATAC AIR EATHER SERVICEMMAC

12808 KSC SHITTLE APT FL STATION NAME

Temp.	i					WE	TBULB	TEMPER	RATURE	DEPRI	ESSION	(F)						TOTAL		TOTAL
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 2	2 23 - 2	4 25 - 26	27 - 28	29 - 30	2 21	D.B./W.B.	Dry Bulb	Wet Built
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Element (X) Ret. Hum.		2 X'	7016		ZX	30	X.	,		Ne. O			-	- 33 #	Mean 2 67		2 73 F	h Tompore	* 93	F
Dry Bulb	 	504	7014	 -	510 690	(14	77.	13.0	1/4	}	90G	= 0	-	≤ 32 F		. 8	73.4			- 1
Wet Bulb	 -	40	28969	 	600		56.			 ;	900		+).1	14.		' '	**
Dew Point	 	777	2171		54	-	60.	30.			900						1700	4		-+-

GLUBAL GLIMATELUCY SMANCH USAFFTAG AIR EATHER SEPVICEMMAC

KOC SHUTTLE APT FL STATION NAME

12855

USAFETAC

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94/ 93		3.4		7	111-12	13 . 14	13. 10	17 - 18	17 - 20	. 4		23.10	7		-	,	2		
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90/ 09							- 1	• 2			•	1		†	1	3			
88/ 87)					. 4		, ,	•		i			1 7	10		
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78/ 77		و 9.	3.4 3.	1 3.2	2.4	1.3			. 1	• 1				1		151	151	1	
767 75	• 1	.7 2	2.2 3.4	4 3 - 6	2.8	1.7	1 .7	. 1		1		l	1	<u>i</u>		135	135	14	
74/ 73	. 4	• d 1	1.9 1.9	3.4	3.3	1.1	. 4	• 1				Ţ. -			-	121	121	112	
12/ 71	- 	1.4 1	1.9 1.	1.0	1.7	1.2										84	84	91	
70/ 59	.1 1.0	• 4	.7	1.	9	1.0		, 1	• 1	• l						63	63	140	•
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65/ 65	. 3	• 1	• 4 • •	ۇ ،			• 2					i	j		!	20	50	114	-
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Wet Bulb		7400	590		56.4				99					3 . 3	12.7		1		5
Dew Point	333	4183	347	271	50.4	8.	.70	- 8	99		- 1		U 22	2.4	1.0		1	-	9

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GEORNE CETHATOLUTY SPANCH USAFITAL AIR LEATHER SERVICE/LAC

PSYCHROMETRIC SUMMARY

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Dry Bulb	454074	4 6	1676	70.9	3,3	38		98			74.6			9		9
Rel. Hum.	487459		1063		13.3	79		98	107	± 32 ₱	2 67 F	= 73 F	▶ 80 F	× 93	F 1	l'etel
Element (X)	Z _z ,	Zz		· R	 		No. Obs	 		i	Mann Ma	of Hours wi	th Tempere	ture .		
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72/ 71	.3 1.8 5.				- •		1						109			
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Temp.							DEPRES						TOTAL		TOTAL	
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STATION -		312110	HAME							•			B . c	1. 1		
		STATION	MALIE							V	EARS				MON	

NOBM 0-26-5 (OLA) HYNEE MEYDDIS EDITIONS OF THIS FORM ARE ORNOUTED

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GLUBAL CLIMATULERY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

Temp.						WET	BULB .	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 16	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poir
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78/ 77			. 3	. 4	• 4	• 1	L			<u> </u>	L							13	13	l	L
76/ 75	Ī	1.2	2 • 4	1.2	• 4			1		1	l							52	52		ĺ
74/ 73		4.7	7.4	2.0	• 1	• 3		1 .	İ	1					Ĺ		1	141	141	20	i:
72/ 71	- 1	4.3	4.2	4.0	2.7	• 4	- 1				i							144	144		6(
70/ 69	. 1	3.8	4.7	4.1	2.0	1.4	l	i .	l	l	l			l	Ì			154	154	_11	99
68/ 67		3.4	3.4	2.1	2.1	1.1		. 1		T -				T	[110	110	10	81
66/ 65	4	2.9	1.0	1.7		. 7		ì	i]]						.	74	74	11	74
04/ 63	• 4	1.7	1.4	. 7	. 4	• 6			1							1		47	47	11:	114
62/ 61,	1	1.4		. 0	1.0	• 1		ĺ	1		i			i	L		ļ	38	38	79	7(
60/ 59		2.4	. 8	. 7	• 1												T	36	36	6	70
58/ 57		. 0	• 4	. 4	L	• 4			<u> </u>	1_	L			<u></u>				15	15	6:	7:
56/ 55		.1	• i	• 2	. 4	• 1					!							20	20		5
54/ 53	i	• 4	• 4		. 1							i		i	Ĺ		<u> </u>	11	11		42
52/ 51		1.0	.7		• 4						1	į					1	17	17	20	4(
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42/ 41		• 6						<u> </u>		1	i	<u>i</u>					<u> </u>	9	5		9
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38/ 37									Ĺ		<u> </u>			<u> </u>			<u> </u>	<u> </u>		L	1
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el. Hum.			5233	<u> </u>	711	01		11,5	40		200	141	, ,	32 F	. 67		73 7	- 98 F	• 93		Total
ry Bulb			<u> </u>		608		57.6	5.7	ত্র		70		- -		61		70.0			1	9
et Bulb			9049		370			0.8			00					-4	2.0			+-	- 9
ew Point			6137		343		60.4	8.0	121		00		-+-		1 5 %	.2				-+-	- 9

USAFETAC FORM 0-26-5 (OLA) BENSED MENOUS EDITIONS OF THIS FORM A

GLIBAL CLIMATULDAY BRANCH USAFITAL AIR FEATHER SERVICE/MAC

1,868 KSC SHITTLE APT FL

PSYCHROMETRIC SUMMARY

STATION				51	ATION N	AME								٧	EARS					MO	MTH
																		PAC	i.e. 1	HOURS	LL
Temp.		,				WET	BULB	TEMPE	RATURE	DEPR	ESSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 20	27 - 28	29 - 30	2 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
94/ 93:		: ,							ļ		.0	• (1	i				1 7	3		i
92/ 91		<u> </u>						<u> </u>	<u> </u>	1	1 _ d		<u> </u>	<u> </u>					6		
907 89						:				d . (d d	• 0	•	ď			1	11	11		
38/ 87		<u> </u>						L 1	l .		1 .1				<u></u>		<u> </u>	33	33		
36/ 85		· · · · · · ·				• 2			4 .	3 .	1 - 1	• 1						74	74		
84/ 83					• 1				4	ا ا	i d		L	1			<u> </u>	134	134		<u> </u>
82/ 81				. 1	1.0	• 9	1.0		4	4 .	ı d	• (1					261	260		
80/ 79			0	1.4	1.4	1.5	6		<u> </u>	4	1	ز و	اما	d			<u> </u>	428	428		
78/ 77		• 4			1.4	1.4	1.	. (6	2 .	1 .1	• (j	1		ì		524	524		4
76/ 75		. 4				1.5	1.	1	4	4	1 . 0	٤ و		1			1	644		5	<u> </u>
74/ 73.	• (2.0	3.4	2.1	1.1	1.3	1.	. (2 .	1 .0	• (862	862	433	-
72/ 71		3.5	3.2	2.1	2.2	1.1		! و ا		<u> </u>	أحماء		L					992	992		
70/ 69	• 6	3.4	3.0	1.7	1.9	1.2	• 4		3 .		4 1		j		Ţ			885	880	1006	7:
08/ 07	• !	2.4	2.4	1.4	1.0	1.2	• 3	. 1	1 .	d	d .u		Ĺ		i		1	628	028	876	70
66/ 65	•	2.1	1.2	• 9	. 2	• 4	•		1	1	4		!	Ţ —				436	436	90	
64/ 63	• .	1.7	4	. 7	5	• 3	. 1		1				! !	<u>.</u>		Ĺ	i .	306	306	830	79
62/ 61	•		. 8	. 5	• 3	• 2	• (. (3					Ţ	Ţ			230	230	603	0
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58/ 57	•			• 2													T	133	133	386	5
56/ 55	• (1.0	-4	. 1	• 4	. 1		1	Į									127	127	265	44
54/ 53	• (• 2	• 1	• 1				1				i	i	T			6.3	83	193	ز ا
52/ 51			• 2	. 1					1	1	L l				i		<u> 1</u>	66	66	128	33
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48/ 47		٤. ا	. 0					İ			<u>l</u> _i			L		Ĺ	L	38	36	9:	
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44/ 43		2							1	1	1		<u> </u>	1	1		1	1.3	13	31	1 1
42/ 41		• 2																1.5	19	16	
40/ 39		. 1		i				L	<u></u>		<u> </u>		L_	<u> </u>	اا		<u></u>	4	4		
38/ 37	• (. 1								1								7	7		
36/ 35		0		j				L					L	<u> </u>	11			11	1		
34/ 33		• 0													Ţ			1	1	2	1
32/ 31										<u> </u>				<u> </u>	1			1			
30/ 29																					
28/ 27		L l]					L	L					<u> </u>		<u> </u>	<u></u>			
Element (X)		2 x'			ž _X		X	•		No. O	be.				Mean I	to. of 1	lours wit	th Tempere	ture		
Rel. Hum.									\Box			2 0	•	s 32 F	z 67	*	• 73 F	- 80 P	- 93		Tetel
Dry Bulb													\Box		1	\Box					
Wer Bulb									\neg						I.		_	T_	<u> </u>		
Dew Peint																		1	- 1		

GLOBAL LLIMATGLORY SPANCH USAFFTAC AIR FEATHER SERVICE/"AC

KSC SHUTTLE APT FL STATION NAME

PSYCHROMETRIC SUMMARY

Temp.						WET	BULB 1	EMPER	ATURE	DEPR	ESSION	(F)				_		TOTAL	1	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 2	4 25 - 20	27 - 28	29 - 3	0 = 31	D.B./W.B.	Dry Bulb		
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USAFETAC FORM 0.26-5 (OLA) WINDE MEYOUS EBITOMS OF THIS FORM ARE ONE

GLOUAL CLIMATULUTY SRANCH USAFFTAC AIR EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12808 KOC SHUTTLE APT FL 10-79 YEARS MONTH

PAGE 1 0000-0200

Temp.						WET	BUL	Вт	EMPE	RAT	URE	DEF	PRE	55104	N (F)				_	_		_			TOTAL	T	-	TOTAL	
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USAFETAC NOW 0.26-5 (OL A) NITHE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC KUC SHETTLE APT FL

PSYCHROMETRIC SUMMARY

PAGE 1

Temp.						WET	BULB 1	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 16	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
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74/ 73	• .		3.4	2.5														152	152	74	33
72/ 71	. 3	13.9	ادەز	1.7	1.0	1				}	!	1		1	1	1	}	214			118
70/ 69	. !	11.6	2.0															161			
u8/ 67	. 6	8.2				• 6				1		ìì		Ì]			115			
66/ 65	• 0	7.3	1.6															90			
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Dew Point			1003		610		65.6	5.2	91		30		+-			-6	3.3		+		93
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GLUGAL CLIMATELETY BRANCH USAFFTAC AIR FEATHER SERVICE/MAC

12868 KSC SHUTTLE APT FL

PSYCHROMETRIC SUMMARY

PAY

0000-0000 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 .1 1.8 2.7 .9 4.1 3.3 4.0 5.3 4.8 7.3 5.2 2.6 82/ 61 • 3 22 22 - 4 80/ 79 112 1.7 78/ 77 2.4 112 1.2 • 4 75/ 75 103 163 741 73 . 4 1.6 107 163 163 42 • = 72/ 71 149 8.1 4.4 1.4 159 154 181 70/ 69 .1 5.1 3.0 • 4 88 88 186 174 57 165 68/ 67 3.7 1.1 57 120 89 66/ 65 -4 3.0 1.4 • 1 48 48 91 13 79 04/ 03 .4 _• = • 4 <u>ن ع</u> 59 1.4 16 16 62/ 61 34 60/ 59 58/ 57 . 4 16 46 . 5 . 1 26 11 • 1 19 26/ 55 .4 • 1 54/ 53 52/ 51 50/ 49 5 48/ 47 46/ 45 44/ 43 1 40/ 39 TUTAL 2.436.428.117.011.4 4.4 930 930 930 930 Z_X, 2 % Moon No. of Hours with Temperature Element (X) 930 650171 7709 72.910.900 *67 F * 73 F = 80 F = 93 F 1 32 F Total Rel. Hum. 10F 930 93 72.7 4.959 69.0 4.490 82.8 52.4 4.8 Dry Bulb 493696 67603 930 Wet Bulb 4444667 64157 21.2 93 69.9 59.7 Dew Paint 4204037 62345 67.0 5.143 930 10.5 93

A COMPANY CONTRACTOR

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AM 44 0-26-5 (OL A) NEVISIO PREVIOUS ENFICHES O

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WET BULB TEMPERATURE DEPRESSION (F)

GLOBAL CLIMATULUSY SMANCH USAFFTAC

AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

128es KSC SHUTTLE APT FL

0900-1100 HOURS (L. S. T.) PAGE 1

Temp.											ESSION (TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 2	4 25 -	- 26	27 - 21	3 29 -	30 -	2 31 F	D.B./W.B.	Dry Bulb	Wet Builb	b Dew Paint
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Dry Bulb			4375		741		79.7				930						3.0	90	0.9	50.	3		93
Wet Builb			1001		662			3.7			93.)					8	2.1		9.5		.3		93
Dew Point		415	3871		621	.81	56.7	5,3	728	y	930					<u>5</u>	7.3		8.7	<u> </u>	Ι		93

0-26-5 (OL A) 11

GLUBYL CLIMATULUTY BRANCH USAFFTAC AIR HEATHER SEPVICE/MAC

KSC SHUTTLE APT FL

PSYCHROMETRIC SUMMARY

MAY

PAGE 1 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 94/ 93 92/ 91 90/ 49 2.0 • 4 12 12 88/ 67 57 66/ 85 .1 1.5 1.4 107 107 3.3 3.3 • 1 5.4 147 84/ 83 3.4 147 4.7 62/ 61 7.4 3.0 از . 209 209 1.4 106 80/ 79 196 78/ 77 .2 1.3 1.d 2.4 1.3 1.4 • d 33 83 43 . 3 76/ 75 1.3 57 151 22 • 3 1 · 3 27 .4 30 - 4 30 74/ 73 .4 1.0 . 1 248 61 72/ 71 . d 162 166 70/ 69 153 154 • 1 • 1 - 1 153 68/ 67 130 • 1 66/ 65 . 1 45 84 64/ 63 20 62/ 61 15 47 39 60/ 59 22 58/ 57 56/ 55 10 54/ 53 52/ 51 8 50/ 49 11 48/ 47 6 46/ 45 1 44/ 43 42/ 41 TUTAL 430 2.3 3.910.022.325.320.3 7.6 4.6 930 930 930 Z, ZX No. Obs. • Element (X) 3772112 6132768 930 58230 #67 F +73 F +80 F +93 F 62.611.65 10F 1 32 F Tetel Rel. Hum. 930 92.8 90.4 64.8 93 75430 81.1 3.995 Dry Bulb 71.6 3.854 930 93 4779353 66573 83.7 44.9 Wet Bulb • 2 930 Dew Point 4174347 62087 55.8 93

10-7

FORM 0-26-5 (OL A) BENSED MENOUS EL

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PSYCHROMETRIC SUMMARY

KSC SHITTLE APT FL PAGE 1 1500-1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. D TOTAL

(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	2 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poin
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64/ 83			3	1.2	2.5	10:			•	2	<u> </u>	• 2	1	<u> </u>				95	95		
32/ 61			٠.4	4.1	6.1				٠. ٠	4 . :	ا با	Ц	į	ļ			}	171	171		
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78/ 77		2	2.0	4.5	1	3.4	4 1.4			4		1	!		1	j		179	178		. 3
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GLUDAL GLIMATULERY BRANG!
USAFITAC
AIP WEATHER SERVICE/MAG

12863 STATION KSC SHITTLE APT FL

PSYCHROMETRIC SUMMARY

PAGE 1 1800-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. Dry Bulb Wet Bulb Dow Point (F) 88/ 87 56/ 55 .1 .1 .1 .1 .2 1.0 1.0 .4 1.9 3.7 2.2 64/ 63 62/ 81 92 80/ 79 . 1 32 1 .5 7.1 5.6 3.7 1.2 3.1 8.5 7.6 4.2 1.5 78/ 77 176 176 4 236 8 76/ 75 236 74/ 73 3.4 5.0 5.4 171 171 79 2.3 169 2.0 2.4 .2 3.6 3.5 114 114 198 160 .4 2.4 1.1 70/ 69 57 213 173 1.4 • 6 154 68/ 67 • 1. 15 15 125 • 2 • 4 66/ 65 00 • 1 04/ 63 • 1 36 02/ 61 60/ 59 36 58/ 57 27 11 56/ 55 54/ 53 52/ 51 5 50/ 49 48/ 47 44/ 43 42/ 41 40/ 39 38/ 37 727 .814.978.876.517.0 7.2 2.7 1.1 TUTAL 927 927 Element (X) 76.711.805 75.1 3.564 69.9 3.860 Rel. Hum. 71119 927 #67 F # 73 F #80 F #93 F 5385265 10 F ≤ 32 F Total 93 91.6 72.9 5243855 9.3 6964 Dry Bulb 3,860 Wet Bulb 4544485 64807 927 78.9 25.3 43 67.1 5.375 9.2 4195023 927 62161 Dew Paint

USAFETAC NOW 0.26-5 (OL.A) RIVISE REPOUT SERIONS O

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PSYCHROMETRIC SUMMARY

1280% KSC SHITTLE APT FL STATION NAME

GLOUPL CLIMATGLURY BRANCH USAFETAC AIR VEATHER SERVICEPPAC

PAGE 1

2100-2500 HOURS (L. S. T.)

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USAFTIAL
AIR FEATHER SERVICEPHAC

1286" KOC SEPTILE ART FL
STATION NAME

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GENERAL CLIMATULUTY SPANCH USAHIJAC AIR PEATUER SERVICE/PAC 12800 KOC SHUTTLE APT FL STATION NO.

PSYCHROMETRIC SUMMARY

РДБЕ 1 <u>0000-0200</u> ноин» (L. s. т.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 0.4 0.2 1.4 0.410.4 1.2 76 18/ 77 • 3 104 164 76/ 75 74/ 73 .112.713.d 2.d 254 c34 209 .415.4 3.4 1.211.4 1.1 180 180 568 293 72/ /1 223 1.4 6.4 ./ 76 181 70/ 69 143 68/ 67 25 80 · 6 2 · 0 · 4 66/ 65 ક • T • q 16 d 54/ 63 1.0 62/ 61 607 59 ToTa! 3.455.633.9 5.9 50**0** 89.4 0.022 74.3 3.365 Element (X) Zx' ZX Mean No. of Hours with Temperature No. Obs. 80417 9<u>00</u> 7219041 +47 F +73 F +80 F +93 F Tetal 10F Rel. Hum. s 32 F 66909 90 4984415 900 Dry Bulb 88.1 66.4 3.2 72.1 2.745 71.1 2.785 80.9 44.4 83.9 28.5 900 4681451 64863 90 Wet Bulb 90 900 4557823 63963 Dow Point

(AC 10th 0-26-5 (OLA) sensionenous formous or this now att or

PSYCHROMETRIC SUMMARY

12800 STATION KUC SHITTLE APT FL 9-7. STATION NAME 0300-0500 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 801 79 0.1 1.3 04 6.1 5.4 0 20 .5 Q 78/ 77 107 107 76/ 75 .313.0 7.2 1.7 205 205 107 58 1.119.7 2.0 .9 74/ 73. 72/ 71 213 213 240 183 135 135 229 143 1.410.3 .4 70/ 69 01ء 113 110 157 6,8/ 67 103 SP 68 108 66/ 65 · d 2 · b 30 69 31 36 23 64/ 63 • 4 14 .7 62/61 6 5 60/ 59 • 2 à TOTAL 5.472.718.0 3.0 900 700 900 900 Element (X) No. Obs. 91.7 3.379 72.9 3.485 71.2 3.036 7587744 900 Rel. Hum. 82496 1 32 F = 67 F = 73 F = 80 F = 93 F 5 0 F Tetal 900 479811 65639 90 Dry Bulb 85.8 54.5 900 Wet Bulb 4570498 64078 84.0 34.0 90 70.4 3.059 900 90 4474874 79.7 63402 24.4 Dew Paint

USAFETAC 1084 0.26-5 (OLA) REVISIO INEVISIO

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ARE OBSOLETE

EDITIONS OF THIS

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AIR LATHER SERVICE/ IAC

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GUNDAL CLIMATULBRY EPANCH USAFETAL **PSYCHROMETRIC SUMMARY** AIR REATHER SERVICE/ MAC 1280 KSC SHITTLE APT FL 9-70 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 88/ 47 3 1 u6/ 85 34/ 83 .3 3.1 1.4 • 4 **51** 5.0 7.1 132 132 32/ 61 2.4 20/ 79 78/ 77 1.4 3.3 5.6 1.1 154 154 19 151 150 151 24 111 76/ 75 9.6 5.4 1.3 150 249 150 74/ 73 72/ 71 .4 9.4 103 82 103 • 3 od óol 65 65 136 216 70/ 69 50 50 . 4 . 7 123 51 20 68/ 67 Sa .4 2.0 40 61 66/ 65 5 12 27 9 - 4 52/ 61 • 1 60/ 59 1 2.440.128.420.4 7.3 1.4 40g ့ ၇၇) TUTAL 900 3 9ud ₹ ğ 0.26-5

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Wet Bulb

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GLOUAL CLIMATULUMY BRANCH USAFFTAL AIR EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12868 KSC SHITTLE APT FL 0900-1100 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (**F**) D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 92/ 91 £(901 09 1.4 3.6 2.7 88/ 87 • 0 95 95 86/ 85 163 183 84/ 63. .3 7.413.7 4.0 1.3 247 247 30/ 79 1.4 9.4 8.4 2.7 190 196 •1 •8 4•6 2•4 1•7 65 85 78/ 77 76/ 75 31 <u>ed 1.4 ed</u> 31 277 294 15 15 142 1.0 .0 .1 14/ 73 1.0 201 258 72/ 71 . 4 53 70/ 69 29 37 66/ 65 64/ 63 Lu 62/ 61 900 TITAL .1 2.7 4.023.334.624.4 7.4 900 900 900 Element (X) No. Obs. 900 62643 74933 69.6 7.922 *67 F * 73 F * 80 F * 93 F Rel. Hum. 441658 5 0 F s 32 F 900 90.0 89.7 81.2 90 6247889 83.2 3.173 Dry Bulb 90.q 86.7 90 5139881 900 Wet Bulb 67987 82.8 64986 900 Dew Point 4698496 44.3

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GLOSAL CLIMATOLDOY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

12808 KSC SHUTTLE APT FL

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PSYCHROMETRIC SUMMARY

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PAGE 1 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.S./W.S. Dry Bulb Wet Bulb Dew Point (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 94/ 93 . 1 92/ 91 1.1 90/ €9 4.7 77 2.7 2.0€ 77 . 7 88/ 87 5.3 142 5,3 142 05/ 05 1.6 8.4 7.9 2.3 186 186 54/ 63 ·4 4.714.1 4.U 213 82/ 61 ed sou 7ed led 129 124 00/ 79 -5 2-1 2-4 1-4 64 64 . 4 78/ 77 33 ·4 1 · d . 4 21 21 267 76/ 75 .0 .4 155 13 298 74/ 73 • 1 12 250 .1 1.1 12 175 72/ 71 256 70/ 69 127 15 68/ 67 50 66/ 65 20 04/ 63 성 62/ 01 Tulat . 1 2. 1 3. q13. 434. 423. 412. 4 6. 4 2. d 900 900 900 90d 7 9,258 Element (X) 900 415491 60596 =67 F = 73 F = 80 F = 93 F Rel. Hum. Tetal 10F 1 32 F 75994 84.4 3.707 75.9 2.198 900 89.8 73.4 90 6426120 90.0 Dry Bulb 84.6 43.8 900 518770 Wet Bulb 60301 90.a 3.4 90 90

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0-26-5 (OL A)

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GLINAL CLIMATOLICY SEAMON USAF, TAC AIR EATHER SERVICEY AC

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PSYCHROMETRIC SUMMARY AIR MEATHER SERVICE/MAC 12809 KSC SHITTLE APT PL PAGE 1 1800-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 90/ 59 • 1 88/ 87 56/ 85 20 77 20 84/ 63 7.9 151 82/ 81 3.4 151 1.1 7.8 9.9 2.1 2.9 8.7 6.8 2.1 196 80/ 79 196 78/ 77 185 24 120 76/ 75 5.7 1.4 128 128 220 127 0.3 74/ 73 322 241 . 7.1 2.4 267 34 72/ 71 2.7 - 1 13g . 2 72/ 69 165 52 42 08/ 67 66/ 65 26 54/ 63 1.420.779.731.311.4 3.4 900 900 TUTAL . 1 90d 900 ğ £ ₹ ತ 0.26.5

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Dry Bulb

Wet Bulb

Dew Point

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GLOBAL CLIMATHLORY BRANCH

USAFETAL

GLOBAL CLIMATOLOMY ARAMCH USAFETAC AIR HEATHER SERVICESMAC

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GLOUND CLIMATHLUCY STANCH USAFETAG AIR GEATHER SERVICE/MAC

KGC SHITTLE APT FL

PSYCHROMETRIC SUMMARY

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PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 a 31 D.B./W.B. Dry Bulb Wet Eulb Dew Point (F) 94/ 93 13 13 92/ 91 60 90/ 89 133 133 ٠Ū • 4 313 88/ 87 313 05/ 05 3.4 2.4 539 539 • 4 84/ 03 .4 3.1 777 773 86Z .1 2.0 5.1 .8 4.5 4.5 32/ 81 3.7 362 80/ 79 78/ 77 864 364 936 . 3.4 6.3 2.5 936 1055 163 • 0 993 76/ 75 7.1 4.9 1.4 993 1735 **959** 74/ 73 72/ 71 793 2053 1096 8.4 1.7 449 1124 2J70 614 1249 5.3 449 70/ 69 . 3.1 276 276 • 4 122 488 68/ 67 230 1.5 66/ 65 . 5 , 55 84 64/ c3 62/ 61 - 1 20 60/ 59 10 7200 1. 30. 620. 317. 715. 2 3.8 3.3 1.4 7200 TUTAL 7200 7200 žx' 80.411.955 78.4 5.406 Mean No. of Hours with Temperatur Element (X) Ho. Obs. 47517134 378546 7200 #47 F # 73 F # 80 F # 93 F 10 F s 32 F Rel. Hum. 712.6 627.9 313.4 7200 720 44647505 565639 Dry Bulb 708.1 511.3 683.1 302.4 39281447 531377 13.8 2.995 7200 720 Wet Bulb 37119647 516563 7200 71.7 2.836 720 Dew Paint

DEM. 0.26-5 (OL.A) BENSED REMOUS EDITIONS OF THIS FORM ARE OSSO

TAC note and a second

GLOCAL CLIMATULDAY BRANCH USAF, TAC AIR <u>EATHER SERVICE/MAC</u>

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ATR	21-1	ATHER	SERVICE	14AC

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Dew Paint	480	7520	81888	71.8	2.711	930	 	† 	89.6	42.9			-	9
Wet Bulb	488	7827	67377	72.4	4.639	936		 	91.2					9
Dry Bulb	5109	9174	68872	74.1	3.077	930	- • • • •	1	91.8					9
Element (X) Rol. Hum.	7971	4384	86021	92.5	4.846	930	107	± 32 ₽	# 67 F	- 73 F	- 80 F	+ 93 F		Total
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GLUBBL CEIMATCLUCY BRANC . USAFCTAC AIR CEATHER SEPVICEZMAC

KUC SHUTTLE APT FL STATION NAME

PSYCHROMETRIC SUMMARY

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FORM G-26-5 (OL.A) REVISED MEYICUS EDITIONS OF THIS FORM.

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12804 KSC SHITTER APT FE STATION NAME MA 0-26-5 (OLA) USAFETAC

GLOBAL GLIMATOLONY SPANCH USAFITAC

AIR BEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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Wer Bulb			5000		716	62	77.1	1.8			735						90.3			-7-	93
Dew Point			7526		687	54	73,9	2.2	227		130		\neg		91		72.8		1		93

GLHOME GLIMATGEBOY DRAMGO USARCTAC AIR FAIHER SERVICEZMAC

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Dew Point		5057			685		73.7	2.4	55		130.		1		91.				T	\neg	9

SER AL CERMATHEURY BRANCH USAFFTAL **PSYCHROMETRIC SUMMARY** AIR EATHER SERVICE/MAC 1250 - KOC SHITTLE APT FL 9-7 STATION NAME 1500-1/00 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 46/ 55 • 1 • 2 Z - 1 94/ 93 77/ 91 . 4 19 19 • 4 . 3 . t 901 - 9 42 .1 3.4 6.4 68/ 67 133 133 2.4 · 2 6.017.1 6.3 282 16/ 65 282 84/ 63 .4 9.4 6.2 104 164 62/ 31 •4 2.4 6.3 1.9 •4 2.4 1.5 6. 109 109 178 50 3 77 • 1 56 78/ 77. 1.4 2.0 .9 49 376 16/ 75 14/ 73 72/ 71 37 37 221 .. 2.7 1.0 .4 213 .3 2.2 .2 .1 104 104 37 140 47 70/ 69 THIS FORM ARE OSSOVETE 08/ 67 23 7 66/ 65 64/ 63 7 ¥30 430 TLIAL ·4 7.4 9.474.429.115.4 0.1 2.4 930 930 ğ M visto 3 õ 0-26-5 1 3 2 1 ZX •, Mean No. of Hours with Temperature No. Obs. Element (X) T 930 4951546 67254 =67 F = 73 F = 80 F = 93 F Rel. Hvm. 72.3 9.733 10F 1 32 F 79.1 93 83.8 4.044 93.0 92.7 1.0 Dry Bulb 930 930 5477311 76.7 2.172 93.0 88.6 4.9 93 71343 Wet Bulb 940 93 5070180 92.0 68632 73.8 2.385

GLOBAL CLIMATCLUCY STANCE USAFRIAGE AIR FATHER SERVICE/MAC

12869 KUC SHUTTLE APT FL

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Wet Bulb			1653		700		75.				30		+			d	82.		3		9
Dew Paint			7216		684		73.6				30		-+-			d	66.6		1		9

GEDSAL CLIMATGEBOY BRANCH **PSYCHROMETRIC SUMMARY** USAFFTAL AIR PEATHER SERVICE/MAC L2883 KSC SHUTTLE APT FL STATION NAME JUL YEARS 2100-2500 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 1.8 16 64/ 83 .2 1.3 .4 4.914.0 3.5 82/ 81 62 62 86/ 79 220 220 • 1 78/ 77 .110.9 7.4 1.6 190 19q 75/ 75 74/ 73 .410.3 7.4 .a 230 230 271 Zlo . 113.3 1.9 144 144 294 00ر 72/ 71. 1.1 4.0 .4 165 255 86 70/ 69 58/ 67 -1 -1 17 66/ 65 10 64/ 63 . 4 62/ 61 1.451.535.4 9.4 1.4 TUTAL 930 430 930 930 BVISED ₹ ತ 0.26.5 ZX 88.0 6.231 No. Obs. Mean No. of Hours with Temperature Element (X) Ť 93) 92.8 R6.4 18.5 81858 Rel. Hum. 2 0 F 1 32 P 930 76.8 2.955 71384 93 5487028 Dry Bulb 930 5110586 68910 92.7 70.3 93 Wer Bulb Dew Point 4961938 67696 73.0 2.341 930 91.7 55.9

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GEMARE CEIMATHERY BRATES USAF: TAC AIR - EATHER SERVICE/MAC

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Wet Bulb			632		5589		75.				40		\neg				611.2				
Dew Paint	 		9869		5449		73.7				40						494.		3	\neg	•

GLOBAL CEIMATULUSY BRANCH USAFETAL AIR MEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

12803 KSC SHITTLE AFT FL PAGE 1 U000-0200 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 (F) 827 61 807 79 7.1 4.4 11 11 148 148 78/ 77 •114.2 8.3 •319.7 2.3 518 218 32 • 7 76/ 75 215 195 215 74/ 73 1.417.1 • अं 176 176 318 18 د 72/ 71 1.910.0 114 114 178 240 70/ 69 1.1 3.7 .1 46 103 58/ 67 36 66/ 65 5 †ն1∧է ։ 4. 370.723.4 3.9 929 929 929 7721260 91.0 5.165 Element (X) Meen No. of Hours with Temperature ZX 929 929 84558 ±67 F = 73 F = 80 F = 93 F 10F ≤ 32 F Rel. Hum. 75.5 2.855 73.6 2.251 93 76.9 5305590 70156 93.0 5.9 Dry Bulb 92.8 45.4 Wer Bulb 5030377 68329 929 93 54.6 72.8 2.29d 929 92.5 4934383 93 67645 Dew Paint

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GLUGAL CLIMATULUMY BRANCH USAFFTAG AIR HEATHER SERVICEYMAG

PSYCHROMETRIC SUMMARY

1285R KSC SHUTTLE APT FL PAGE 1 0300-0500 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 82/ 61 60/ 79 78/ 77 1.4 3.4 104 164 .019.0 2.4 4.119.1 .3 76/ 75 510 210 150 74/ 73 72/ 71 E. 220 332 20 220 2.412.9 144 199 232 • 4 144 70/ 69 1.1 8.0 86 86 103 126 66 68/ 67 19 66/ 65 • 2 11 64/ 63 930 8.575.613.2 2.5 THTAL 730 939 Mean Ho. of Hours with Temperature Element (X) I No. Obs. 930 ± 67 F = 73 F = 80 F • 93 F 7990624 4.86 Rel. Hum. 86086 92.6 10 F s 32 F 930 5151832 92.8 93 Dry Bulb 69164 74.4 2.955 67.9 2.2 72.8 2.441 930 91.9 56.7 93 Wet Bulb 4928274 67662 Dew Point 4850873 6712 48.5

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GLOBAL CLIMATOLOTY BRANCH **PSYCHROMETRIC SUMMARY** USAFFTAC AIR MEATHER SERVICE/MAC 12806 KSC SINITTLE APT FL PAGE 1 0600=0800 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) D.S./W.S. Dry Bulb Wet Bulb Dew Point 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 88/ 87 86/ 85 109 109 84/ 83 2.4 0.8 2.5 • 1 120 6.7 4.7 00/ 79 8.1 1.7 131 131 78/ 77 102 -114-4 187 210 187 4.7 76/ 75 . 12.7 1.5 • 1 138 138 295 296 74/ 73 72/ 71 لامظ أتما 100 10d 193 202 152 77 74 74 1.4 6.6 102 33 70/ 69 2.7 24 68/ 57 16 16 1.4 21 65/ 65 64/ 63 TUTAL 4.050.824.115.5 4. 930 930 930 õ 0.26.5 12 87.9 8.038 77.5 4.160 Element (X) ZX 81709 930 7238905 # 67 F # 73 F # 80 F # 93 F Rel. Hum. 10F s 32 F 93 930 80.6 31.9 5604059 72089 92.9 Dry Bulb 5196870 5050049 930 92.2 74.7 Wet Bulb 69472 74,7 2.791 93 68489 930 93 73.6 2.592 91.5 66.2 Dew Point

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GLODAL CLIMATOLOGY BRANCH USAFITAL AIR FEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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GLODAL CLIMATPLUSY	SPANCE
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KSC SHUTTLE APT FL STATION NAME

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GEDINE CEIMATULENY BRANCH USAFITAG AIR BEATHER SEPVICEMAN

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IJ GLOSAL CLIMATOLUCY BRANCH USAFFTAC **PSYCHROMETRIC SUMMARY** AIR VEATHER SERVICE/MAC 12865 KSC ShiTTLE APT FL 7-74 STATION NAME MONTH PAGE 1 1600-2300 TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) (F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 88/ 67 . 1 86/ 65 34/ 63 1.2 7.1 3.4 114 114 • ' 22/ 61 50/ 79 .410.110.0 2.1 228 228 50/ 79 78/ 77 3.914.4 7.0 247 247 36 3.4 7.1 1.2 158 158 60 242 16/ 75 . 7.5 2.5 98 370 295 - 1 • 1 41 74/ 73 41 209 . 3 3.7 • व 12 72/ 71 13 64 172 70/ 69 41 68/ 67 14 66/ 65 929 TUTAL 1.425.135.427.4 8.3 1.4 429 929 ğ ₹ ಠ 0.26.5 11 76909 Z X' Element (X) No. Obs. Mean No. of Hours with Temperature 929 = 67 F = 73 F = 80 F = 93 F 642443 Rel. Hum. 10F ≠ 32 F 92.9 91.4 49.9 92.9 85.8 .4 92.6 69.9 .1 93 Dry Bulb 79.5 3.039

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GLUBAL CEIMATULUMY SPAMCH USAFOTAC AIR REATHER SERVICE/MAC

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GLOSAL CLIMATOLUSY BRANCH USAFFTAC AIR FEATHER BERVICEYMAC

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GEUSAE CEIMATGEORY SCAMC (USAFRTA) AIR LEATHER SERVICE/MC

PSYCHROMETRIC SUMMARY

STATION .	K.∍¢ <u>Sn</u>	TTL	4P ST	T FL	ME				<u> </u>	7.			YE	ARS		•			<u>5</u>	FP 17H
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D. 26-5 (OL A) BEVISED MEVIOUS EDITIONS OF THIS FORM A

်နှ တ (၂) GLOBAL CLIMATCLETY BRANCH USAF TAC AIR TEATHER SERVICERMAC

PSYCHROMETRIC SUMMARY

12863 KSC Statistics APT FL 3-7.

STATION STATION HAME VEARS

PAGE 10300-0300 HOURS (L.S. T.)

Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

Temp.						WE.	TBULB	TEMPE	RATUI	RE DE	PRESS	ION (F)						TOTAL		TOTAL	
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USAFETAC 100m 0.26-5 (OL.A) NYMED MAYOUS TERTIONS OF I

GLEBAL GLIMATGLGAY BRANGE USAFTTAC ATR FEATHER SERVICE/AC

1286F KSC SHETTLE APT FE STATION NO.

STATION	1.30 310 11	STATION NAME			7-7		YI	EARS				мо	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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Temp.		WE	T BULB T	EMPERATUR	E DEPRESSIO	(F)				TOTAL		TOTAL	
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Element (X)	2 x'	ZX	X	•	No. Obs.				of Hours wit				
Rel. Hum.	704933		88.2	7.559	900	10 P	± 32 F	≥ 67 F	= 73 F	- 80 F	· 93	<u> </u>	Total
Dry Bulb	528223			4.008	900	+	+	89.2			4	-+-	90
Wer Bulb	491292	5 66442	73.8	2.876	900	 		88.6			 	_+_	90
Dew Peint	477299	a 65494	72.8	1773	900			87.7	53.6	<u> </u>			90

USAFFTAC AIR EATHER SERVICE/MAC 1280 KSC SHHTTLE A STATION

GEDSAE CEIMATOLDAY OPANCO

PSYCHROMETRIC SUMMARY

12802 KSC SHITTLE ΔΡΤ FL C-7.
STATION STATION HAME C-7.

PAGE 1 9900-1100 Hours (L. S. T.)

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point (F) 90/ 19 88/ 87 • 1 86/ 35 5.018.0 1.313.012.0 3.0 249 1.0 284 284 84/ 83 300 62/ 81 .1 3.5 7.1 4.7 151 151 1.1 80/ 79 .2 3.4 1.4 1.3 35 73 78/ 77 35 337 1.4 1.3 76/ 75 74/ 73 301 244 273 . 3 • 1 100 72/ 71 160 53 70/ 59 19 68/ 67 66/ 95 12 64/ 63 Ó TUTAL 2.910.428.038.416.2 3.7 900 100 900 900 ZX' ZX 7.332 Mean No. of Hours with Temperature Element (X) No. Obs. 72.4 7.332 83.5 2.620 76.5 2.028 73.6 2.548 65169 900 4767211 *67 F *73 F *80 F *93 F Ret. Hum. 10F 1 32 F Tatal 90 62.7 900 90.0 19.9 Dry Bulb 6273850 75106 900 90.Q A6.5 3275924 68884 2.1 90 Wet Bulb 4887222 90 900 65.0 Dew Point 66268 88.2

FORM 0-26-5 (OL.A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE

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GERBAL SEIMATBLOGY BRANCH USAFFTAC AIR REATHER SERVICE/HAC

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Temp.						RE DEPRESSION					TOTAL		TOTAL	
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34/ 83		. 6	0.010.4 4	•7 1•]	•4] [205	20:		i
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USAFETAC NOW 0.26-5 (OL A)

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Temp.						WET	BULB	TEMPE	RATU	RE DEPR	ESSION	(f)						TOTAL	1	TOTAL	
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Dry Bulb		619	988		746		92.9	3.0	29		00				90	0 • d	90.0	79.	a	•1	9
Wet Bulb		322	6250		685		76.2	1.9	74		00				90	0.d	86.0				9
Dew Paint		484	4558		659	198	73.3	2.3	92		700				8/	3.8	61.		1		9

GLOBAL CLIMATULEGY BRANCH USAFFTAL AIR REATHER SERVICE/MAC

12805 STATION				5	TATION N	AME							76	ARS			PAT.	t. 1	1800) <u>+ }</u> NTH) 2
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Dry Bulb	-		05863		709			2.4		900	┼							-		
Wet Bulb		207	26024 95672		672		73.0	1.9		900				90		79.4		4		_

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFFTAC AIR HEATHER SERVICE/MAC KSC SHITTLE APT FL PAGE 1 2100-2500 HOURS (L. S. T.) TOTAL
Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 62/ 81 .3 2. 4 4.1 69 63 2.114.7 8.0 9.913.1 3.8 83/ 79 237 237 78/ 77 21 249 249 of 12.0 5.0 2.1 76/ 75 183 183 313 166 74/ 73 110 29ز 116 332 72/ 71 2.4 225 • 4 31 31 125 70/ 69 • 1 10 95 1.4 10 49 68/ 67 45 66/ 65 64/ 63 TETAL 13 899 <u> 599</u> 1.636.628.315.5 3.1 899 899 4 Ĭ (OL A) 0.26.5 13 77249 77249 Mean No. of Hours with Temperature Element (X) No. Obc. 6679369 6.801 #47 F # 73 F # 80 F # 93 F 85.9 899 Rel. Hum. 77.1 2.654 73.9 2.109 72.6 2.434 90 Dry Bulb 5350055 899 89.9 85.5 18.0 4916550 89.8 70.9 90 66456 899 Wet Bulb 4744837 65275 899 51.6 90

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GLOBAL CLIMATOLERY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

12859 KSC SHITTLE APT FL

STATION				\$1	TATION N	AME								YE	ARS					MO	NTH
																		PAG	E 1	HOURS (L. S. T.)
Temp.						WET	BULB	TEMPE	RATURE	DEPRES	SION (I	F)						TOTAL		TOTAL	
(F)	0 1	- 2	3 - 4	5 - 6	7 - 8	9.10	11 - 12	13 - 14	15 - 16	17 - 18 1	9 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
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tel. Hum.			0103		5850	744		310.		719	_	10		32 F	= 67		73 F	▶ 90 F	- 93	F	Total
bry Bulb			1072		570		79	4.	768	719			-+-		717		62.9			- 1	7
Not Bulb			1346		5379		74.			719			-+-		715		188.5	7.			7
Dow Point			7773		5244		72.5	2		719			-+-		704		40.1		1		— <u></u>
	4	<i></i>	4		-7-6														A.i		- 11

GLODAL CLIMATULURY BEANCH USAFETAC AIR REATHER SERVICESTAR

KSC SHUTTLE APT FL

PSYCHROMETRIC SUMMARY

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PACE 1 0000-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wer Bulb Dow Point (F) 32/ 61 -4 -4 80/ 79 78/ 77 2.2 4.2 0.4 162 162 5.4 3.1 3.4 140 76/ 75 1.46 97 74/ 73 5.9 3.9 2.9 150 150 147 72/ 71 8.4 138 177 162 70/ 69 8.5 85 151 68/ 67 112 30 90 2. 66/ 65 2.0 ا: . 82 64/ 63 33 37 84 1.5 52 62/ 61 2.3 25 60/ 59 39 58/ 57 35 1.7 • 1 • 4 44 56/ 55 54/ 53 18 • 4 52/ 51 50/ 49 48/ 47 46/ 45 • 1 42/ 41 . 2 40/ 39 38/ 37 2.941.620.417.710.8 6.0 930 930 930 930 Element (X) 930 6505748 77008 92.811.836 +67 F +73 F +80 F +93 F Rel. Hum. 10F s 32 F 71,7 6,411 68,0 6,062 66,0 6,749 78.6 4819789 930 Dry Bulb 66683 51.1 93 63256 930 930 93 4336638 Wet Bulb 52.9 20.6 61384

9-75

NOTE 0-26-5 (OLA) REYSED PREVIOUS EDITIONS OF THIS FORM ARE OSCOLE

12808

STATION

USAFETAC FOR 0.26-5 (0) A)

GLOBAL CEIMATOLDAY HRAMCH USAFETAC AIR MEATHER SERVICE/MAC

3	0/ 39 8/ 37 6/ 35 TAL		43.3	19.7	13.2	10.5	5.2	• 6											929	929	929	
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7	4/ 73 2/ 71	1.1	6.6	2.1	1.3	1.3	•6										<u> </u>		129	158	142	L.
7	6/ 75	• 1	4.4	3.4	3.7	2.0	100	• 6										<u> </u>	141	141	42	
<u> le</u>	0/ 79 8/ 77		1.0	1.4	3.3	2.2	• 5						_				-	-	25 114	26		-
8	(F) 2/31	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18 1	9 - 20	1 - 22 2	3 - 24	25 - 26	27 - 28	29 - 3	0 ≥ 31	D.B./W.B.	Ory Bulb	Wet Bulb	Dev

GLOGAL CLIMATULORY BRANCH USAFFTAC AIR REATHER SERVICEMMAR

PSYCHROMETRIC SUMMARY

KSC SHUTTLE APT FL STATION NAME PAGE 1

Temp.										E DEPRE					_			TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	6 17 - 18	19 - 20	21 - 22 2	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Paint
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70/ 69	1	4 . 4	1.2	3 .4	1.0		À)	ì	} }		1			Ì	l		82	32	130	117
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Element (X)		Z X'			ZX		X	•		No. Obs								Temperat			
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Dry Bulb			3024		667			6.4			30		4-			• 1	50.3				93
Wet Bulb			7503	L	634		68,2			9	30				64	.4	22.4		1		93
Dow Point		412	2427	L	616	09	06.2	0,0	48	9	30				3.2	• 7	14.5	L			93

GLOBAL CLIMATOLUTY BRANCH USAFCTAC AIR MEATHER SERVICE/MAC

KSC SHUTTES APT FL

PSYCHROMETRIC SUMMARY

HONTH

12850 STATION J90-1100 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 88/ 87 86/ 85 .2 2.d 4.7 4.0 1.1 4.5 6.3 4.d .2 2.4 4.9 4.3 4.d 34/ 83 1.4 137 134 £2/ 81 181 101 174 80/ 79 1.3 174 78/ 77 1.3 2.7 3.0 3.5 3.4 .1 1.1 1.7 2.5 2.2 2.0 1.7 151 107 107 57 76/ 75 1.4 Lig 74/ 73 1 1.4 1.4 61 121 . 8 1.1 1.1 01 218 72/ 71 • 9 -4 1.4 • 4 44 44 134 147 - 8 • 3 23 70/ 69 •4 23 129 141 .1 9 1.0 122 68/ 67 . 4 11 11 • l ä(i • 1 <u>72</u> 77 66/ 65 64 64/ 63 36 62/ 61 58 60/ 59 39 • 1 10 59/ 57 24 q 56/ 55 23 54/ 53 14 52/ 51 9 50/ 49 <u>2</u> 5 48/ 47 46/ 45 44/ 43 1 42/ 41 40/ 39 ı .4 4.411.720.025.723.810.4 930 TUTAL 930 930 930 Element (X) No. Obs. 93c 64324 59.211.349 #47 F # 73 F # 80 F # 93 F Rel. Hum. 4568654 10 F s 32 F 78.4 4.375 71.1 4.804 67.4 6.368 930 72953 91.4 83.6 43.6 Dry Bulb 5740515 93 930 Wet Bulb 4718640 66094 78.d 43.7 93 930 59.6 Dow Point 62542 4243584 18.6

₹ 9 0.26-5

8809

GLOBAL CLIMATCHOOK SMANCH USAFFTAL AIR REATHER SERVICE/MAC 128e% KJC SciTTLE APT FL STATION NAME

PSYCHROMETRIC SUMMARY

1:CT

1200-1400 HOURS (L. S. T.) PASE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 . 1 90/ 89 - 1 88/ 67 .4 3.4 2.8 .1 3.4 5.1 5.9 2.4 3.9 47 26/ 85 - 4 167 187 04/ 63 .4 3.4 4.2 3.4 1.1 2.6 4.7 4.1 32/ 21 3.4 174 174 3.4 80/ 79 2.3 103 163 78/ 77 1.3 .d 2.0 2.4 2.4 4.1 126 124 1 3 3 ·1 1·1 ·4 1·4 1·4 1· 76/ 75 75 75 137 74/ 73 53 51 123 .1, 1.0 •4 1•Q 1.4 . 2 204 72/ 71 18 107 14 144 162 1 10 70/ 69 104 48/ 67 91 130 66/ 65 . 4 5a 66 a • 4 64/ 63 63 63 02/ 61 24 49 60/ 59 58/ 57 4 28 19 56/ 55 54/ 53 20 52/ 51 δ 50/ 49 48/ 47 46/ 45 44/ 43 42/ 41 40/ 39 38/ 37 130 TUTAL <u>.4 4.1 3.714.322.425.519.1 0.5 2.4</u> 93d 930 930 Z_X, No. Obs. Mean No. of Hours with Temperature Element (X) Z z ٠, 930 4044794 60344 54.911.889 = 67 F = 73 F = 80 F = 93 F Tetal Rel. Hum. 10 F ≤ 32 F 89.2 930 43 92.4 5984314 30.1 4.064 55.8 Dry Bulb 74508 71.4 4.777 66.9 0.734 930 45.9 4765734 66426 79.8 93 Wet Bulb 930 59.1 19.2 93 Dew Point 4205724 62234

9-7-

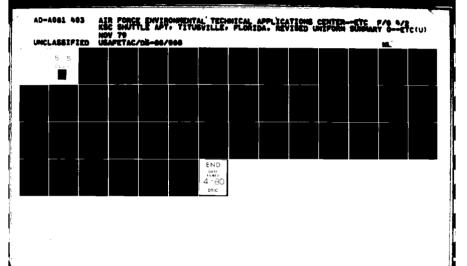
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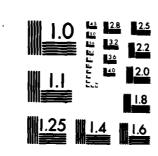
GLOBEL CLIMATULGAY BRANCH USAF-TAG AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12848	KSC SHITTLE	APT FL				9-7,			EARS				MON	<u>()</u>
3721101		3101104 GAME									Γ_{4} ,	r 1	1500.	
Temp.		WE	T BULB 1	EMPERA"	TURE DE	PRESSION	(F)				TOTAL		TOTAL	
(F)	0 1 - 2 3 - 4 5	-6 7-8 9-10	11 - 12	13 - 14 15	5 - 16 17	- 18 19 - 20	21 - 22 23	- 24 25 - 26	27 - 28 29 -	30 ≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb E	Dew Poi
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78/ 77		4.4 2.1 6.					+-+-		ļ 		188			
76/ 75	1 1.0 1.3			• 4		ì	1	(1	1	123	-		
74/ 73	2.9 1.1				-4	- 		+			34			$\frac{-11}{14}$
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Element (X)	2x'	2 x	¥		Na.	. Obs.		l	Mean No. of	Hours wit	h Temperat	ure		
Rel. Hum.	4559540	64146		12.04		93.	10F	1 32 ₹	≥ 67 ₹	≥ 73 F	- 80 F	× 93 F	1	otal
Dry Bulb	5707338	72770		7A . ز		936		I	94.4	95.9	37.	Н		y
Wet Bulb	4689134	65903	70.9	4,52	5	933			76.d	40.1				9
Dew Paint	4205174	62256	66.9	6.36	=	93:			56.1	10.				9

USAFETAC FORM 0.26-5 (OLA) REVISEO REFINOUS EDITIONS OF THIS FORM ARE OBSOILTE





MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A

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USAFETAC NOW 0.26-5 (OLA)

GLOBA	L CLIMA	ATULOTY.	FUMARE
USAFF	TAL		
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PSYCHROMETRIC SUMMARY

930

930

Temp.			***		-	WET	r BUL	.8 7	EMPE	RAT	URE	DEPR	ESSIO	H (F)								TOTAL		TOTAL	_
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78/ 77		1.7	6.9	6.2	5.4	•	d	. 1					T	Т									196	196	14	4
76/ 75		3.3		•	3.	2.	d	.4					1	Ì		1	- }		ļ		}		179	179	70	28
74/ 73	• 6	5.2	3.7	5.5	1.	1.	7	. 4		\top													169	169	173	96
72/ 71	. 4	3.7	2.2	1.2	1.	1.	1	. 3		1			1			1	1		1		1		98			
70/ 69		1.d	1.3	1.1	1.0	1.	1	. 1		T				П									69	69	146	
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Element (X)	2 _X ,	Z _X X	•.	No. Obs.	<u> </u>	Mean No. of	Hours with Tomperatu	
Rel. Hum.	5765622	72510 78	Q10.989	93u	# 0 P # 32 P	≥ 67 F	= 73 F = 80 F	a 93 F Total
Dry Sulb	5104191	68759 73	9 4.702	930		86.2	66.1 4.8	
Wet Bulb	4465580	64270 69	-1 5.097	930		70.1	25.7	
Dew Point	4146843	61825 66	6.299	930		53.5	12.8	

₹ ಠ 0.26-5

GLUGAL CLIMATCHUCY DRANCH USAFETAL AIR MEATHER SERVICE/MAC 12809 KSC SHITTLE APT FL

PSYCHROMETRIC SUMMARY

PACE 1

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 82/ 61 EO/ 79 2.4 78/ 77 1.9 5.9 5.1 4.4 162 23 164 165 76/ 75 74/ 73 72/ 71 . 1 5.5 159 159 156 95 3.4 3.3 2.4 1.9 109 4.7 3.3 148 1.7 • 3 109 182 70/ 69 .1 4.0 2.2 • 3 87 87 131 • d l • 138 39 68/ 67 98 66/ 65 1.4 - 8 32 32 76 49 57 71 64/ 63 22 22 1.0 .1 1.2 20 56 62/ 61 20 60/ 59 58/ 57 1.7 42 17 43 . 4 . 4 11 56/ 55 36 • 1 54/ 53 26 • 4 52/ 51 . 3 • 1 50/ 49 . 4 • 1 48/ 47 46/ 45 • 1 8 • 4 44/ 43 <u>2</u> 3 42/ 41 40/ 39 38/ 37 1 34/ 33 TOTAL 1.831.526.218.313.3 7.7 1.1 930 930 930 430 Element (X) = 67 F = 73 F = 00 F = 93 F 100 1 32 F Rei. Hum. 6161492 7491 80-611-705 930 930 57.1 Dry Bulb 4925392 67454 72.5 5.949 80.6 4375195 Wat Bulb 52.7 63567 68.4 5.807 930 22.9 93 Dew Point 61400

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(F) 90/ 39 88/ 87 86/ 85 441 U3 12/ 01 50/ 79 78/ 77 76/ 75 74/ 73 72/ 71 70/ 69 68/ 67 00/ 65

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GLOSAL CLIMATOLUTY BRANCH

KOC SHITTLE APT FL

AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

OCT.

PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 1.9 133 133 410 416 549 544 .5 1.8 2.4 1.7 .4 2.1 ٥.٥ 848 848 1245 41 1245 279 .J 1.d 4.d 4.Z 3.d 291 3.1 3.1 1070 1070 708 1.7 2.1 980 980 1376 053 2.3 1.6 • 1 1.4 710 1 U85 4.2 710 1298 2.5 489 489 1079 1130 1.1 . 0 • 9 270 859 27d 770 212 575 134 212 04/ 63 403 >69 111 479 93 284 62/ ol • 4 93 - 4 60/ 29 82 195 <u> 59</u> 274 58/ 57 70 • 1 70 104 56/ 55 43 220 <u>• 1</u> 85 25 17 25 150 54/ 53 46 • 1 • 4 - 4 67 52/ 51 . U 50 57 50/ 49 31 . 1 • 2 43 48/ 47 46/ 45 40 - 4 - 1 29 44/ 43 21 42/ 41 6 40/ 39 5 38/ 37 36/ 34/ 33 7439 TUTAL 2.424.517.418.117.512.6 5.7 7439 7439 7439 76,513,798 74,10,353 Element (X) 569165 7439 4496351 2 67 F + 72 F + 90 F + 93 F Tetal Rel. Hum. 20F ± 32 F 674.3 527.4 151.2 562.7 239.1 .9 438.4 119.2 .2 555628 7439 41800698 744 Dry Bulb 744 Wet Buib 35963131 515587 69. 2 5.603 7439 33157730 494224 66.4 6.590 7439 Dew Point

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GLOBAL CLIMATULDAY SPANCH USAFETAG AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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GLOBAL CLIMATULHRY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC KSC SHUTTLE APT FL 12869 STATION 9-78 NEV 0300-0500 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (**F**) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 76/ 75 .6 1.3 3.7 1.7 • d • 4 26 20 74/ 73 72/ 71 3.4 1.0 1.0 73 73 70 55 125 25 70/ 69 7.1 63 75 68/ 67 5.4 1.9 1.4 96 94 102 5.4 66/ 65 85 84 89 84 60 64/ 63 4.4 60 110 62/ 61 4.3 62 62 98 76 3.9 52 52 66 60/ 59 • 4 • 1 59 58 3.3 58/ 57 48 51 47 56/ 55 26 26 44 • 0 54/ 53 1.7 39 1 . 6 52/ 51 26 37 2.0 • 1 31 • 4 • 1 25 27 <u>29</u> 27 27 50/ 49 1 48/ 47 2.3 23 33 • 1 • 46/ 45 30 28 1.6 44/ 43 16 21 42/ 41 40/ 39 16 . 3 . 1 38/ 37 . 3 36/ 35 34/ 33 10 32/ 31 28/ 27 26/ 25 24/ 23 20/ 19 TOTAL 7.455.618.210.8 6.3 2. 900 900 90d 900 ತ 0.26-5 Element (X) 85,911,955 77313 900 676992 Rel. Hum. 10F s 32 F ± 67 F = 73 F = 80 F + 93 F 900 39.4 90 62.9 8.727 10.0 3632760 36638 Dry Bulb 58,2 9,601 Wet Bulb 3343426 34284 900 25.1 90 1.1 32632 900 1.5 19.6 90 3164393 Dew Paint

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GLOBAL CLIMATULURY SRAMCH USAFFTAC AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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GLOBAL CLIMATULECY BRANCH
USAFETAL
AIR MEATURE SERVICE/MAC

12862 KSC SHUTTLE APT FL
STATION STATION HAME

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PSYCHROMETRIC SUMMARY

PAGE 1 U900-1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ± 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 84/ 83 32/ 61 80/ 79 1.4 2.3 5.4 84 2.2 84 78/ 77 112 76/ 75 2.4 3.9 3.0 1.3 . 9 - 1 114 114 23 14/ 73 2.1 3.1 21 72/ 71 1.4 3.4 2.8 1.d • 6 98 98 109 70 76 70/ 67 84 68/ 67 . 8 1.4 1.1 57 57 123 110 1.4 1.6 104 66/ 65 51 99 04/ 63 1.0 44 88 1.4 44 80 62/ 61 22 70 50 29 60/ 59 29 57 • 4 1.0 • 4 - 4 50 58/ 57 <u>>7</u> 56/ 55 54/ 53 46 • 4 . 4 13 14 - 4 32 • 2 29 52/ 51 . i 17 23 • 1 32 50/ 49 48/ 47 1 14 • 46/ 45 18 44/ 43 16 1 42/ 41 20 12 40/ 39 • 1 38/ 37 36/ 35 5 34/ 33 4 32/ 31 30/ 29 28/ 27 3 24/ 23 18/ 17 ī TOTAL .d10.d17.423.923.d15.d 7.3 900 900 90d 900 Element (X) Z X' 2 % lean No. of Hours with Temperature 70.313.256 6349 900 4636975 # 47 F # 73 F # 80 F ■ 93 F Rel. Hum. 4 0 F ± 32 F 90 6392 Dry Bulb 4589065 900 69.5 45.6 5.2 3821216 64.7 7.600 900 Wet Bulb 58244 45.4 9.7 90 90 34356 60.4 9.530 Dow Point 900 28.1

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USAFETAC NOT 0.26-5 (C

GLOBAL CLIMATELOGY BRANCH USAFFTAC AIR REATHER SERVICE/MAC

12863 KSC SHITTLE APT FL

PSYCHROMETRIC SUMMARY

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GLOBAL CLIMATOLDAY BRANCH USAFITAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 12860 KSC SHUTTLE APT FL STATION PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (**F**) D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 05/ 05 84/ 63 82/ 81 . 2 30 • d 70 d0/ 79 70 ·4 2.4 3.9 4.1 78/ 77 122 122 3.0 5.2 76/ 75 143 34 25 .7 2.6 3.9 2.3 2.3 74/ 73 110 113 105 72/ 71 2.1 105 58 108.7 1.2 2.9 75 100 70/ 69 • त 1.7 146 - 1 91 68/ 67 . 3 1.4 1.2 1.2 57 57 94 66/ 65 57 1. 1.4 86 04/ 63 02/ 61 .6 S 80 • 4 • 4 • 1 53 60/ 59 58 58/ 57 17 46 . 1 • 4 39 <u>56/ 5</u>5 21 39 54/ 53 40 52/ 51 31 50/ 49 21 48/ 47 24 8 46/ 45 20 44/ 43 8 42/ 41 40/ 39 38/ 36/ 35 9 34/ 33 3 32/ 31 2 ತ 30/ 29 28/ 27 0.26-5 26/ 25 699 899 TUTAL 0.113.423.426.117.1 8.4 899 12 Element (X) 60864 67,713,526 899 #47 F # 73 F # 80 F # 93 F 4284900 1 12 F Rel. Hum. 2 0 F 72.1 6.378 90 899 49.5 4704724 Dry Bulb 64782 72.9 65.0 7.085 Wet Bulb 3844778 58446 899 45.8 10.7 90 3357522 54278 Dew Point 899 1.0

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GENBAL CEMMATHLUCY BRANCH USAFRIAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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GLOCAL CLIMATOLOCY BRANCH
USAFATAL
AIR FEATHER SERVICE/MAC

12808 KSC SHITTLE APT FL

STATION HAME

PSYCHROMETRIC SUMMARY

																	* A W		2100 HOURS (L	. S. T.)
Temp.							TEMPER.										TOTAL		TOTAL	
(F)	0 1-2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24 2	5 - 26	27 - 28 2	9 - 30	≥ 31	D.B.W.B.	Dry Bulb	Wet Bulb	Dew Po
76/ 77	• 0	• 0		• 1	į,		i l		1		[;	!				11	1 1		
75/ 75		2.3	1.4	• 4					L1								47	47		
14/ 73				• 4	• 4						1	1				į	91	31	29	1
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70/ 69:	.4 5.2		1.3	1.	• 4	• 4	•		1					- 1		l	116	110	-	
681 67	.4 4.0		1.4	. 7	• 4				1							·	9.9	98		
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54/ 63	04 4.4	• 4					 		↓							<u> </u>	57	57		
52/ 61	• L 3•0	• 4	• 4	• 4								1					43	43	•	1
001 20	2.4	<u>• 0</u>		• 4			 +		↓ ↓				\rightarrow			 	33	33		
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56/ 55	. 1 1.4	• 9	.3	- 4			1		↓							 	<u>ځځ</u>			
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52/ 51	1.4	• 3	- 4				1		1		<u></u> i					<u> </u>	20	20		
50/ 49	1.3	• 4	• 2		;							i					10	13	29	
48/ 47	a	•4	• 5				\vdash		↓				\rightarrow			-	14	14		
46/ 45	2.2	• 4	[ĺ					;					i			24	24		
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40/ 39							<u> </u>		 i							٠		2	5	
38/ 37		• 1,	• 3	i	ļ				j j			1)	Ì		1	4	4	2	
15/ 35	• 1						↓ ↓		-			i -				├				
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32/ 31							-		1							├ ──	l		3	
30/ 29		į	1	į							}	1	- 1	1		1			1	
22/ 21							├ ──┤		 											
20/ 19	l l.			_]]		1 1				ĺ	- 1			!	أسما	1	
DTAL	2.147.47	94.4	12.4	9.4	3.4		\vdash		├				-+					300		<u> 90</u>
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Element (X)	2 12	-+		} <u> </u>		Ī		_	No. Ob	. 				Mean No	. of H	ours wid	h Temperati			
Rel. Hum.	6344	456		747	68		12.1	66		00	± 0 F		12 F	2 67 I	_	73 F	- 80 F	× 93 (T	etel
Dry Bulb	382			581		64.				oo l		─		46		14.9			T	
Wet Bulb	346			553		61.				οŭ		 	• 3	29		3.4		 		
Dew Paint	3240			532		59.2		_		00		$\overline{}$	- 7	22		1.4		+	\neg	

AC 1084 0.26-5 (OLA) terreto merrous foritons of this folk all olso

GLOBBL CLIMATULDRY BRANCH USAF TAC AIR MEATHER SERVICEMMAG

PSYCHROMETRIC SUMMARY

STATION				5	TATION N	AME					-7 .,			YEARS		PAG		мо	
																		HOURS (it
Temp. (F)						WET	BULB T	EMPER	ATURE	DEPRI	ESSION	(F)	2 24 25	24 27 20 2	0 20 - 21	D.B./W.B.	San Barilla	TOTAL	
36/ 65		1 . 2	3 - 4	3 . 6	/ - 8		17 - 12 • U			17 - 18	19 - 20	21 - 22 4	13 - 24 25 -	20 21 . 20 2	y - 30	4	A 4	W41 0010	Ţ
84/ 83		:				• •	• 9	• C		Į.			}			1 2	4.3	· I	i
82/ 81		+				-	. 3		• (1				124	124		+
80/ 79		- !	ار د		1	1		. 1	•	1						297	207	•	
78/ 77		. 2	• :	1.2	1.		.7	. 1		• (1-1				417	41.	ž	‡
76/ 75	ز م							. 1		1	}					571	591	. 79	
74/ 73	• 4					1.2	- 3	. 1	•	1				1		747	747	353	
72/ 71	. ā					. 7	. 4	. 1		1	}		i			763	763		
70/ 09	. 1	3.4		1.3	1.0	1.0	.4	. 1	•	1						811	311		
68/ 67		3.4	2.1	1.0		. 8	4		•		j	i 1	1	i		664	064		
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04/ 03:		3.0	. 4				. 1	. 1	_• (٠ _ (<u>i</u>	1				421	421	782	i
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56/ 55		1.0	ز .	. 4		. 1	- 1			<u> </u>						179	179	299	ž
54/ 53	- 4	1.0	5	. 4		1 .1	. 0			ļ		1 1				178	178	234	•
52/ 51		1.4	3		L .1					1	ļ					143	143		
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42/ 41	• 1	• 3	• 4	• 0	• •)	- !	ļ		}	ļ	}			}	30	30		ı
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38/ 37	ļ	- 1	• •	• !	}	, ,	1			1			i		Ì	13	13		- 1
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24/ 23		ļ	Ì				- 1			1		1 [i
22/ 21										 		1 -1		- - -		++		L	†
20/ 19	}	i					[į		[1 1	i 1	\	ļ			ı	١
Element (X)		Ex'			Z X	, , , , ,	Ý		\neg	No. O	8.			Mean No	of Hours wi	th Temperate	10		4
Rel. Hum.									_			4 0 F	1 32 F			= 80 F	+ 93	-	•
Dry Bulb													7	1	T		1		•
Wet Bulb														\Box				$\Box \Box$	-
Dew Point						\top							1 -						

SUPERIL STRATEGETY SPANCE USAFITAL **PSYCHROMETRIC SUMMARY** AIR EATHER SERVICE/ AC 12805 NOTATION KIC SHATTLE APT FL PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 18/ 17 T T ... 2. \$32. 919. 312. 714. 3 5.1 4. 4 1. 4 7139 ₹ ತ 0.26.5 2 %; 2x 559109 Element (X) 77.715.072 45058317 7199 ≥ 67 F = 73 F = 80 F = 93 F Tatal 2 0 F 1 12 F Rel. Hum. 67.3 8.902 62.1 8.341 59.6 9.616 445.7 221.8 30.3 1.2 283.0 46.4 7.8 193.3 12.4 7199 33145015 484257 720 Dry Bulb 451047 428915 720 720 Wet Bulb 28760691 7199 7199 Dew Paint 26220237

GLOBAL CLIMATOLUCY BRANCH USAFETAC AIR REATHER SERVICE/MAC

KSC SHUTTLE APT FL STATION NAME

PSYCHROMETRIC SUMMARY

Wer Bulb Dew Point		107	287; 991:			52	66 85		56	. 6	9.	89	1		930 930				. 8		4.3	•	.7	1			
Rel. Hum. Dry Bulb			453				72	g	59	+	9.	93	d		930 930	- 10	-	- 3	2 F		7 F	- 73 F	9	+	* 93 F	+	Total
Element (X)	ZX					X		<u> </u>	7	1		A D. C	1	No. 0			-						th Tempe				• • •
													_														
		+			-		+			+		+			-	-		-			+	+-	-	+			
DTAL	7.150	2.0	10.	412	• 4	<u>. د</u>	7	100		+		+			+	+-	+	+-			+	+-	93	d	930	930	<u> </u>
24/ 23	_ _		•	1		_		, 1														-	1				١.
26/ 25		_		<u> </u>			\perp			\downarrow		\bot		L	<u> </u>	↓	ــ	4			 		+				<u> </u>
28/ 27				Ī			T					T						T						T]
30/ 29	•]	7		:	i			i											1		L			1	1		L
32/ 31		-1			-		+			+		+		 	1	T	\top	+			+	+	1	7			
34/ 33	• 4	. 7			1		1												- 1		1		1	d	10	10	i
36/ 37		• 3	• '	!	•4		+-			+		+			+		+	+			+	+	+	4_	4	- 24	-
40/ 39		• 4	•		• 1		-									İ					1	1		1	11	27	
42/ 41	1	. 0	10		•4		1			+		-		├	↓	<u> </u>	 	+			 			8	28	31	
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46/ 45	-44	.5	يْ .		. 6		4			1					<u> </u>		ــــــــــــــــــــــــــــــــــــــ	1						8	38	26	<u> </u>
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64/ 63		.9	• 0		- 4	_	ų .	• 4				-					1		1			1	1	3	73	97	
66/ 65	.5 4	. 6	100	1	• 6		*	. 1	ı	_		1			ļ	-	 	4			1_	-			81	83	
58/ E7	. 8 4	.4	2.0	- 1	. 3	1.	J	• 4				Ţ											10	3	103	54	
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76/ 75	į,	8	• 3									1			1	ĺ			- 1			Į.	٠,	8	2,4		1
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Temp.															ESSION		-1:				1		TOTAL		 T	TOTAL	I

HOME 0-26-5 (OL. A) REMISO REPROUS EDITIONS OF THIS FORM ARE OSSOURTE

a 6896 ~ ~ usafetac mm 626-5 (0LA)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

128cm KGC SWITTLE APT FL STATION NAME

PACE 1

Temp.						WET	BUL8 1	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 . 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 20	29 - :	30 * 31	D.S./W.S.	Dry Bulb	Wet Bulb (Dew Paint
74/ 73		1.4	• 2	. 2	• 1					T							1	17	17	A	. 3
72/ 71	• 2	1.0	.6	1.1	• 2				<u> </u>	1	i	L		<u> </u>		<u> </u>		35	35	14	9
10/ 09	1.3	4.0			ذ.	• 4				Г		Τ		1]		T	94	94	38	33
68/ 67		3.7	1.0	1.4	d					l	l	[_	L	1	L	1		72	72	60	
66/ 65	1.1	1 و د	2.3	. 9	1.0	• 1]			96	96	83	<u>51</u> 72
64/ 63	1.1	5.1	. ,		. 4	. 1				<u> </u>		<u> </u>		<u> </u>				02	82	3	64
62/ 61	1.1	3.8	.0	. 2	.4	- 1									Ì	İ		5.9	5 8	93	76
60/ 59	أعوا	3.4		تعا	L					<u> </u>			<u> </u>		<u> </u>	<u> </u>		57			83
58/ 57	1.1	3.7	1.0	.4	- 4			!	!	-			!	1		1	İ	59	58	04	69
56/ 55	• 9	4.4		1 . 3						<u> </u>						↓		04	64	59	64
54/ 53	ز .	3.4	• 5	. 1	• 7	1					}	1	1	}	ì		1	46	46	57	66
52/ 51	<u>, u</u>		• 3	.1					ļ 	<u> </u>	! !			1	<u> </u>	↓		40			48
50/ 49	- 4	2.9	• 2								1			1			İ	33		42	45
48/ 47		2.0	• 7									<u> </u>		_	<u> </u>	<u> </u>		32		33	37
46/ 45	• .1	1.0	1.0	. 5	- 1						ì		i	1	}		!	33		28	35
44/ 43		1.9	- 4	• 4	. 2								<u> </u>	<u> </u>				35		29	<u>33</u> 22
42/ 41	• 4							}			i I	İ	ì			-	İ	29			22
40/ 39	. 4	1.0	1.2	. 3									ļ	<u> </u>		↓		27		24	23
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36/ 35	. 1	. 4	• 4]						1				_	<u> </u>			6	6	17	2 <u>1</u>
34/ 33		- 4	•	!	1						l	l	l	1		ł	1	3	3	6	12
32/ 31	3	• 1		Ĺ						 				↓	ļ	↓		 2			10 23
30/ 29		1		ĺ						1 .	[l	ļ	1	(1	•	{ }	1	
28/ 27				<u> </u>						↓	ļ		ļ	 -	ļ	+		 			<u></u>
26/ 25]			į	į į		(l	Į.	!	1	1	1	1	1	1		5
24/ 23						L	ļi	 i	<u> </u>	 	ļ	!	<u> </u>	├	├	∔—	_	 			- 30
TUTAL	11.4	56.2	17.3	10.4	4.4	• 5	1	[[1	ļ	}	ł	1	1	ł		000	930		930
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Element (X)		2 x'			2 1		1	7.		No. Of	<u>. </u>	<u> </u>			-	100	Manage man	h Tempera			
Rel. Hum.			9016		809	76		11,2			30	= 0		s 32 F		7 F	• 73 F	> 80 F	+ 93 F	• 1	etel
Dry Bulb		325	1750		542		38.3	9.7			30		' 	• 6		1.8	1.	+	+	- 	93
Wet Bulb			3593		521		56.1				30		+			1.8	•		+		93
Dew Point			5383	}	503			10.6			30		-+-	4.		9.4	-		+		93
SAM L BIMA			7 9 7	<u> </u>			~~!		~ •		77				<u> </u>	<u> </u>		Ž			

0-26-5 (OL A)

GLOBAL CLIMATHLLOY BRANCH USAFFTAC AIR REATHER SERVICE/MAC

12808 KSC SHUTTLE APT FL

PSYCHROMETRIC SUMMARY

STATION					TATION N										ARS			PAG	1 1	0600	2 - 0.
																		т дэ 	i. I	HOURS	L. S. T.
Temp.										E DEPRES								TOTAL		TOTAL	
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78/ 77			[1 1		4	i	'	ļ	1]		: 1	1		}	i i	1	<i>'</i>	i I
76/ 75				<u> </u>				<u> </u>										2			
74/ 73	• 4	• 0	٤. ا	اخ. اد		ų –		,						. !	, [17	17	5	i
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70/ 69	• d	4.0	2.3	3 1.0	1.0													83	83		
68/ 67	1.1	4.0					ļ	1 1	1	1				}			1	60	80		٦.
66/ 65	1.2					<u></u>	1		!	1								79			, —
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50/ 49	• 3				1 .		!	1				1	1	. \	.			39			
48/ 47		1.9					 	 '	↓	 +		\vdash			+		ļ	25	25		
46/ 45	• 4	5.0		٤ . ا)			+	İ	1		1	1	. 1	. 1		1	37	37		
44/ 43	• 4	1.2	7		• 4			 '	↓	\perp		\longrightarrow					اـــــــــــــــــــــــــــــــــــــ	33	33		
42/ 41		1.1	. 4		• 1	4)	1	ĺ			1			.		1	22		31	
40/ 39	. 4		• 4	1.0	<u> </u>	<u>i </u>	<u>i </u>	<u> </u>		\perp		!					<u> </u>	31	31	22	
38/ 37	• 4		• 4	• 4				Ţ ,										11	11	27	7
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34/ 33	.4		i					,										7	7	19	
32/ 31	. 1		1	' j	İ	{	ì	1		1		1	1	. 1	. 1			1 3	3	-6	4
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26/ 25		 		-		—	+			+-+		-					 	1			
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 \square GLOBAL CLIMATULURY SHAMEH USAFETAL **PSYCHROMETRIC SUMMARY** AIR MEATHER SERVICE/MAC KSC SHUTTLE APT FL 12869 .9-71 DEC PAGE 1 0900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 . 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 (F) 62/ 61 80/ 79 78/ 77 1.4 34 1.3 1.4 76/ 75 1.4 3.1 17 77 74/ 73 .8 2.4 2.0 2.3 øl A I 37 19 - 4 72/ 71 3.2 1.4 105 105 30 59 70/ 59 2.3 4.0 2.0 1.4 109 108 68/ 67 2.5 1.2 83 83 67 90 98 46/ 65 67 2.4 1.4 1.5 1.4 67 126 1.4 1.4 64/ 63 1.7 1.7 58 71 34 51 62/ 61 1.6 . 3 1.5 51 78 . 3 04 1.4 60/ 59 1.1 79 58/ 57 • u . 5 34 52 • 4 54 • 4 1.2 • 3 • 1 56/ 55 44 54/ 53 . 4 1.1 26 24 34 - 4 • 2 • 1 52/ 51 25 46 50/ 49 1.3 23 23 33 32 48/ 47 <u>32</u> 27 26 46/ 45 • 1 21 44/ 43 26 22 42/ 41 14 15 39 21 38/ 37 16 • 1 36/ 35 34/ 33 10 12 32/ 31 30/ 29 <u>6</u> 3 28/ 27 5 26/ 25 24/ 23 0.26.5 22/ 21 20/ 19 TOTAL 2.419.124.724.117.6 8.7 2.7 930 930 11 930 Element (X) 74.014.246 65.7 6.781 930 Rel. Hum. 68805 - 93 F 5278997 20 # 1 32 F = 67 F = 73 F = 80 F 51.3 93 930 Dry Bulb 4080320 61058 21.7 1.2 56359 52788 56.411.201 930 Wet Bulb 3492539 93 27.4 930 93 3112878 Daw Paint 17.5

GLUDAL CLIMATULURY BRANCH USAFFTAC AIR PEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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12853 KSC SHUTTLE APT FL STATION NAME PAGE 1 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point (F) 11 34/ 83 11 02/ 81 80/ 79 .4 1.4 2.0 59 59 - 1 78 78/ 77 78 76/ 75 .4 3.4 5.4 3.4 1.4 138 138 20 74/ 73 14 33 63 83 1.4 1.7 1.9 2.6 1.4 99 99 72/ 71 48 70/ 69 1.4 1.4 1.3 85 85 119 1.6 68/ 67 1.5 1.3 1.3 02 62 110 82 66/ 65 • 9 2.7 69 <u>106</u> .1 1.0 39 39 80 64/ 63 öΙ 95 02/ 61 . 3 60/ 59 70 70 ·1 2.0 41 .4 56 58/ 57 56/ 55 • 1 27 27 33 36 ٠, 54/ 53 53 42 52/ 51 • 6 - 4 16 10 48 3<u>2</u> 25 50/ 49 30 48/ 47 32 • 4 46/ 45 26 39 44/ 43 11 42/ 41 21 40/ 39 38/ 37 36/ 35 13 34/ 33 12 7 32/ 31 30/ 29 28/ 27 26/ 25 24/ 23 22/ 21 20/ 19 Element (X) ±67 F = 73 F = 80 F = 93 F Rel. Hum. 2 0 F s 32 F Dry Bulb Dew Point

NORM 0-26-5 (OLA) REVISE REVIOUS EDITIONS OF THIS FORM ARE OASC

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GLOGAL CLIMATOLDOY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR MEATHER SERVICE/MAC 12868 KSC SHITTLE APT FL DEC STATION NAME PAGE 2 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 0 1 · 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 = 31 • 3 6 • 2 9 • 4 7 • 4 31 • 4 7 • 7 10 • 4 • 4 2 • 0 • 4 (F) 930 TUTAL 730 930 ã ಠ 0.26.5 12 5982: No. Obs. Mean No. of Hours with Temperature Element (X) X 930 4040143 = 67 F = 73 F = 66 F + 93 F 107 1 32 F 93 Dry Bulb 39.4 64700 69.4 7.944 64.0 5,8 930 930 3638984 62.0 0.416 56.311.207 37646 34.1 93 6.4 Wet Bulb 3080836 32304 16.9 Dew Paint

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GLOBAL CLIMATELECY L'ANGA USAFTTAL AIR SEATINER SERVICE/MAC

KUC SHITTLE APT FL

PSYCHROMETRIC SUMMARY

Mean He, of Hours with Temperature

#67 F #73 F #80 F #93 F

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TATION -PACE 1 1500=1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 85/ 65 64/ 83 . 4 82/ 61 18 19 20/ 79 18/ 71 1.2 1.3 2.4 1.0 60 60 76/ 75 .4 1.4 2.4 2.4 78 78 74/ 73 33 11 .6 2.6 4.3 1.d 1.d • 1 4.7 2.4 3.0 72/ 71 70/ 69 1.9 3.2 2.7 2.3 1.1 . 1 120 120 98 53 67 68/ 67 75 75 133 85 66/ 65 1.4 1.5 64 64 86 • 82 64/ 63 •6 52 96 62/ 61 43 86 . 0 -3 1.4 • 1 43 54 60/ 59 <u>60</u> 60 61 69 54 58/ 57 33 33 55 . 3 . 6 56/ 55 1.0 31 46 40 54/ 53 19 19 35 53 1.4 • 2 - 4 52/ 51 <u> 36</u> الع 50/ 49 . 2 45 39 26 21 48/ 47

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Element (X)

Rel. Hum.

Dry Bulb Wet Bulb Dow Point • 1

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6609 OSAFETAC GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAL AIR MEATHER SERVICE/"AC 12863 KSC SENTTLE APT FL PAGE 2 1500-1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 s 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 18/ 17 16/ 15 TUTAL 9.718.425.323.311.2 6.6 2.0 2.3 /30 933 931 63640 68,415,210 No. Obs. Element (X) ZX, 930 4569802 +67 F +73 F +80 F +93 F Tetal s 32 F Rei. Hum. 105 39.7 93 930 29.0 Dry Bulb 63307 58. 7.514 4361923 3,3 3591397 3107506 930 33.1 4.5 57277 51.4 6.288 93 Wet Bulb 930 32744 Dew Point 36,711,183

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GLUBAL CLIMATULERY BRANCH
USAFFTAC
AIR MEATHER SERVICE/MAC

12868 KSC SHUTTLE APT FL
STATION NAME

PSYCHROMETRIC SUMMARY

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PAGE 1 1800-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 80/ 79 78/ 77 76/ 75 1.0 23 23 <u>• 6</u> 2.3 741 73 35 21 40 53 72/ 71 .2 3.4 J.d 1.4 30 80 70/ 69 ·4 0 · 4 3 · 4 c · 4 79 .1 3.4 3.1 1.4 103 FOT 107 68/ 67 95 97 06/ 65 ·4 5.4 2.7 ·4 4.0 1.4 1.0 78 111 65 54/ 63 1.4 90 62/ 61 · 1 3· U 1· 4 1· 3 63 71 ن و 60/ 59 .1 2.4 1.0 1.0 49 ed. 78 58/ 57 55 ___ 3 _•4 35 61 56/ 55 1.1 E.S 39 39 39 39 54/ 53 34 38 42 44 52/ 51 1.0 . 4 34 34 34 1.3 50/ 49 .5 33 37 1.4 .4 18 48/ 47 30 . 6 18 28 1.9 46/ 45 . 3 32 18 44/ 43 1.0 29 • 4 40/ 39 1.4 13 13 18 27 38/ 37 17 -4 36/ 35 20 15 34/ 33 13 32/ 31 30/ 29 <u>5</u>

No. Obs. Element (X) 76065 57575 Rel. Hum. 637007 82.012.080 928 1 0 F 1 32 F = 67 F = 73 F = 00 F ■ 93 F 3648875 62.0 9.102 58.6 9.404 928 93 37.0 Dry Bulb 6. 93 Wet Bulb 3292080 54580 928 1.4 304878 52241 15.7

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0-26-5 (OL.A) sevide nevious entitions of this follow all outcom

28/ 27 26/ 25 TUTAL

1.446.725.215.4 9.5 1.1

61.00 ETAC **221** 0263 GLOBAL CLIMATOLUCY BRANCH USAFFIAC AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1280 KSC SHITTLE APT FL 9-7.

STATION STATION NAME

PAGE 1 2106-2-06

MOURS (L. S. T.)

Temp.										DEPRE								TOTAL		TOTAL	
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Wet Bulb			721		331		57.4	200	11	_ _ _	26			1.0		9	<u>• 7</u>		+	$-\!\!\!\!+\!\!\!\!-$	93
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AC 1084 0-26-5 (OLA) servize mercus terrons of this roles are obs

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GLUBAL CETMATULUMY SMANCH USAFETAG AIR WEATHER SERVICEMMAC

PSYCHROMETRIC SUMMARY

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Rel. Hum.				-					$-\!$	5 0 F	:3	2 F	≥ 67 F	≥ 73 F	- 80 F	- 93		Total
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Wet Bulb	···					<u> </u>								——				
Dow Point															_i			

USAFETAC NOM 0.26-3 (OLA) AVVID MENDUS EBITONS OF IN

GLOCAL GEIMATOLDTY SPANGE **PSYCHROMETRIC SUMMARY** USAFFTAL AIR MEATHER SERVICE/"AC 128c3 KSC SHITTLE APT FL STATION NAME PACE 2 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ≥ 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 18/ 17 16/ 15 T'TAL 5.37.619.415.413.4 5.2 2.5 7434 7424 į THIS PORM / EDITIONS OF (OL A) 0.26.5 13 79,115,414 52,410,119 58,6 9,639 55,611,082 Element (X) Z X' 2 7 No. Obs. 7434 48291866 588110 ≥ 67 F = 73 F = 80 F = 93 F Rel. Hum. 2 0 F # 32 F 7434 29922753 Dry Bulb 465605 1.3 315.8 106.6 10.3 744

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7434

3.4 173.6 19.3 31.6 114.2 6.5

744

435851

26251497

23880710

Wet Bulb

Dew Peint

GLODAL CLIMATCLUTY STANCH USAFITAL AIR REATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

STATION				57/	ATION NA	ME									YEA	MS			PAC	Łi	M
Temp.						WET	BULB 1	EMPER.	ATURE	DEPR	ESSIO	N (F)							TOTAL		TOTAL
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38/ 37		1	1	1	d						1								262	262	46
36/ 35	• 0	. 1	•0	.0	•0						1		T					T	109	169	32
34/ 33		i	0	0	a d		i)		L	<u> L</u>		1]	[133	133	26
32/ 31	•0	.1	.0	.0							T		T						85	85	
30/ 29		. 0	ā		i						1			i	. 1				47	37	-
Element (X)		£x'		2	X		X	7 8	7	No. C	bs.	T				Meen No.	. of Hour	a with	Temperat	ure	
Rei. Hum.									T				5 0 F	2.1	32 F	≥ 67 F	- 73	F	- 80 F	• 93	•
Dry Bulb						\top			T			I									
Wet Bulb			$\neg \neg$			\neg			$\neg o$											7	
Dew Peint						1								\top							

GLOBAL CLIMATOLOTY ANAMORUSAFITAC AIR FEATHER SERVICE/MAC

12861 KGC SEPTTLE APT FL

PSYCHROMETRIC SUMMARY

PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 : 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point (F) 28/ 27 u b. t. 15 47 _42 26/ 25 • 0 166 24/ 23 100 22/ 21 95 71 20/ 19 15/ 15 43 14/ 13 12/ 11 8 10/ 9 8.7 6/ -2/ -3 a7508 2.431.419.416.113.4 5.4 4.4 1.7 TOTAL 87008 F7608 87608 2x 6849244 78.214.737 71.210.713 Element (X) 254504116 454252123 67678 1 32 F | 167 F | 173 F | 180 F | 193 F Rel. Hum. 201 Total 6238213 07600 14.06444.24637.81877.2 8760 Dry Bulb 63.611.193 395303103 365497723 5820151 5573023 57608 57608 33.85286.92976.2 170.34524.41967.4 Wet Bulb 58.2 8760 H 760 Dew Point

POSES (O.26-5 (O.L.A) BENTED PREVIOUS EDITIONS OF THIS FORM ARE OSCOLE

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY URSERVATIONS

1286B	KSC	SHUTTI	LE APT	FL			69-79	9						
5'4"-QN			STAT	ON NAME						YEARS				
IRS LST		JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	ANNUAL
	MEAN	57.1	55.3	62.3	65.8	70.8	74.3	75.4	75.5	75.9	71.7	64.0	59.1	67.
00-02	S D	10.328	9.702	7.289	7.074	4.322	3.365	3.074	2.855	3.136	6.411	8.876	9.930	10.04
	TOTAL OBS	929	B46	930	899	929	900	930	929	900	930	900	930	1095
	MEAN	56 0	54.3	40 B	64.2	60.3	72-0	74 . 1	74.4	74 - 5	70-7	62.9	58.3	66
03-05	5 D	10.374	9.759	7.453	7.435	4.706	3.485	3.077	2.955	3.292	5.392	8.727	9.712	
	101AL 085		844											109
	MEAN				44 =					74 8			58.1	67
06-08		25.3 10.729	54.1	7 701	7 128	1247	70.9	4 305	4 160	4 008	6 280	63.2 R 54R		
	TOTAL OBS	930	846	RCP	900	930	900	930	930	900	930	900		
	MEAN	67.8	62.7	70.2	74.9	79.7	83.3	84.7	84.5	83.5	78.4	71.0	65.7	75
09-11													8.781	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	109
	MEAN		44 0	73 6	77.6	9: 1	94-4	g 5 Q	88.9	84.8	90-1	74 - 0	69.6	77
12-14		10-072	8.697	4.676	5.261	3.005	3.707	3.579	2.855	2.772	4-064	6.636	7.944	
	TOTAL OBS		RAA											109
	MEAN		65.9											76
15-17	TOTAL OSS												7.516	
		930	846	929		930	900	930	930	900	930	899	930	109
	MEAN	60.7	60.0	66.9	70.9	75.1	78.4	79.7	79.5	78.9	73.9	66.3	62.0	71
18-20	S D												9.102	
	TOTAL OBS	929	846	925	898	927	900	930	929	900	930	900	928	109
-														
	MEAN												60.2	68
21-23	TOTAL OBS		9.010				900		930				10.131	9.9
		7,50	0+0	Z		761	340	¥.						
A)1	MEAN	60.4	59.5	66.5	70.5	75.0	78.5	79.8	79.7	79.3	74.7	67.3	42.6	71
HOURS	5.0	11.039	10.433	8.420	7.828	7.899	5.406	5.434	5.172	4.768	6.353	8,902	10.119	10.7
	TOTAL OBS	7437	6766	7427	7196	7433	7200	7440	7438	7199	7439	7199	7434	87,60

USAFETAC FORM 0.89.5 (OLA)

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

2868	κSC	SHITT	LE APT	FL			69-7	9						
STAT ON			STAT	ON NAME						YEARS				
RS LST		JAN	FEB	MAR	APR	MAY	JUN.	ງບເ	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	54.9	53.0	59.5	62.3	67.8	72.1	73.3	73.6	73.3	68.0	61.1	56.6	64.
00-02	5 D												9.895	10.08
	TOTAL OBS	929	846	930	899	929	900	930	929	900	930	900	930	1095
	MEAN	54-0	52.3	58.6	61.5	66.9	71.2	72 4	72.8	72.5	67-4	60.3	56.1	63.
03-05	S D	10.829												10.11
	TOTAL OBS		-				•		930		-			
	MEAN	53.4	52.1	59.0	63.0	69-0	73.6	74.8	74.7	73.8	68.2	60.6	55.9	64.
06-08	\$ D	11-164												10.83
	TOTAL OBS		846											
	MEAN	58.3	57.2	63.1	66. T	71.2	75.5	77.1	77.4	76.5	71.1	64.7	60.6	68.
09-11	S D												9.111	
	TOTAL OBS		846					-						1095
	MEAN	50.0	58.6	64-0	66.7	71.6	75.0	77.2	77.6	76.8	71.4	65.6	62.0	69.1
12-14	S D	10.394												9.03
	TOTAL OBS		846											1095
	MEAN	59.5	58.3	63.7	66.4	71.2	75.2	76.7	76.9	76.2	70.9	65.0	61.6	68.
15-17	S D		8.524											8.85
	TOTAL OBS		846										930	1095
	MEAN	57.2	56.1	62.0	65.1	69.9	74.0	75.3	75.4	74.7	69-1	62.5	58.8	66.
18-20	S D	10.291												9.42
	TOTAL OBS	929						930			930			1094
	MEAN	55.7	53.8	60.7	63.4	AR - R	77.0	74 . 1	74.3	72.0	48.4	61.5	57.4	65.
21-23	5 D	10.803												7.99
	TOTAL OBS				900			930			930			1096
	MEAN	56.6	55.2	61.3	64.3	69.6	73.8	75.1	75.2	74.7	49.2	62.7	58.6	66.
ALL HOURS	S D.												9.689	
	TOTAL OSS	7427	4744	7427	7194	7433	7200	7440	7428	7100	7430	7109	7434	8740

USAFETAC FORM 0.89.5 (OLA)

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GLOBAL CLIMATOLUCY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-PRINT TEMPERATURES DEG F FROM HOURLY RESERVATIONS

12868	K\$0	SHUTTL	E APT	FL			69-7	9						
STATION			STATE	ON NAME						YEARS	······································			
HRS LST		JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
	MEAN	52.9	50.9	57.4	60.0	66.2	71.1	72.5	72.8	72.3	66.0	59.0	54.7	63.
00-02	S D	12.3541	1.118	9.069	8.025	5.227	2.785	2.524	2.280	2.519	6.749	9.798	10.844	11.02
	OTAL OBS	929	846	930	899	929	900	930	929	900	930	900	930	1095
	MEAN	52.2	50.5	56.8	59.6	65.6	70.4	71.8	72.2	71.7	65.6	58.5	54.4	62.
03-05	S D	12.4451	1.312	9.110										11.02
	OTAL OBS	929		928				930		900			930	
	MEAN	51 7	50 2	57.1	40.4	67.0	72.3	72 5	73 4	72 0	44 2	58.8	54.2	63.
06-08		12.7701												• • •
	TOTAL OBS				900									
·	0171 083	9.30	0.90	740	700	920.	700	7.40.	730	700.	720	700	730	1093
	MEAN				60.6									• • • • • • • • • • • • • • • • • • • •
09-11		13.9771	2.079	9.964	8.030	5.328	2.599	2.227	2.050	2.548	6.368	9.530	11.201	11.26
	OTAL OBS	930	846	930	900	930	900	930	930	900.	930	900	930	1095
	MEAN	54.0	51.9	57.5	60.2	66.8	72.3	73.7	74.3	73.5	66.9	60.2	56.5	64.
12-14	5 D	13.7901												
	OTAL OBS	930	846	930	900	930	900	930.	930	900.	930	900	930	1095
	MEAN	54.1	51.9	57.8	60.4	67.1	72.2	73.8	74.1	73.3	66.9	60.4	56.7	64.
15-17	SD,													11.23
	OTAL OBS												930	
	MEAN	54.2	52.6	58.5	61.2	67.1	72.0	73.6	73.8	73.0	44-5	59.9	56.3	64.
18-20	S D	12.6951												• • • • •
	OTAL OBS	929			898									1096
														1033
	MEAN												55.2	
21-23	S D	12.5631												
	UIAL OBS	930	846	927.	900	927	900	930	730	899	730	900	926	1094
	MEAN	53.3	51.5	57.7	60.4	66.7	71.7	73.2	73.6	72.9	66.4	59.6	55.6	63-
ALL HOURS	SD	13.0411											11.082	11.19
	OTAL OBS												7424	

USAFETAC FORM 0.89.5 (OLA)

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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RELATIVE HUMIDITY

12868	KSC	SHUTTLE	APT FL
STATION	_		STATION

70-79

JAN

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN	t		MEAN	TOTAL NO. OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
JAN	00-02	100.0	100.0	100.0	99.9	98.6	94.3	86.7	74.7	46.7	86.2	929
	03-05	100.0	100.0	100.0	99.7	98.7	95.5	88.8	77.0	53.5	87.6	929
	06-08	100.0	100.0	100.0	100.0	98.9	96.2	88.0	77.8	54.6	87.9	930
	09-11	100.0	100.0	99,1	97.7	93.0	81.7	66.3	40.8	15.6	75.0	930
	12-14	100.0	99.7	96.3	91.8	84.0	64.3	33.4	13.8	4.1	64.3	930
<u>.</u>	15-17	100.0	99,4	96.2	92.5	83.8	67.2	45.4	21.7	4.2	66.8	930
	18-20	100.0	99.9	99.6	98.3	95.3	88.3	77.3	60.8	23.4	80.2	929
	21-23	100.0	100.0	99.9	99.6	96.7	92.3	83.3	68.6	39.8	83.8	930
			ļ <u>-</u>			<u> </u>						
					 	-	<u> </u>					
10	TALS	100.0	99.9	78.9	97.4	93.6	85.0	71.2	54.4	30.2	79.0	7437

USAPETAC POMM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12868 KSC SHUTTLE APT FL	100/8	use	CHUTTLE	Ant el
	TARDO	K 2 L	24011FE	STATION NAM

70-79

FEB

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY C	REATER THAN	1		MEAN	TOTAL
	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
FEB	00-02	100.0	100.0	100.0	99.6	99.2	95.9	86.9	73.8	43.6	85.6	840
	03-05	200-0	100.0	100.0	99.5	98.9	96.4	90.9	78.1	50.6	87.2	844
	80-00	100.0	100.0	100.0	99.8	98.8	96.1	91.0	76.7	47.6	87.0	846
	09-11	100.0	100.0	99.3	96.3	87.9	72.9	51.7	28.7	10.4	70.4	846
	12-14	100-0	100.0	97.6	89.8	74.3	48.0	24.7	11.3	3.7	60.4	846
	15-17	100.0	99.8	97.4	90.1	74.5	54.4	34.0	16.9	3.9	62.6	846
	18-20	100.0	100.0	99,5	98.7	94.7	85.6	70.3	50.1	15.6	77.4	846
- <u>-</u> -	21-23	100.0	100.0	100.0	99.6	98.6	93.0	83.0	67.0	33.5	83.2	846
				 								
				-						-		
10	TALS	100.0	100.0	99.2	96.7	90.9	80.3	66.6	50.3	26.1	76.7	6760

USAPETAC POM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12868	KSC SHUTTLE APT FL	70-79	MAR
STATION	STATION NAME	PÉRIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY C	REATER THAN	•_		MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	NO. OF OBS.
MAR	00-02	100.0	100.0	100.0	99.8	98.8	94.4	85.7	71.9	34.6	84.3	930
	03-05	100.0	100.0	100.0	99.8	99,4	96.1	89.1	76.9	50.6	67.2	928
	06-08	100.0	100.0	100.0	100.0	99.0	94.0	86.1	74.9	47.4	86.1	928
	09-11	100.0	100.0	99.4	94.9	86.8	64.4	42.3	19.7	3.3	66.6	930
	12-14	100.0	99.9	98.1	89.2	71.5	44.1	20.5	5.6	2.0	58.5	930
	15-17	100.0	99.6	97.6	91.0	77.0	53.8	32.9	11.5	2.7	62.0	929
	18-20	100.0	100.0	99,4	97.8	93.4	83.2	66.6	46,5	11.0	75.5	925
	21-23	100.0	100.0	100.0	99.8	98.3	93.0	61.1	64.3	26.8	62.1	927
						 	 			 		
	-			-	-							
TC	DTALS	100.0	99.9	99,3	96.5	90.5	77.9	63.0	46.4	22.3	75.3	7427

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USAPETAC POM 0-87-5 (OL A)

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

				_	
12868 STATION	KSC	SHUTT	LE_A	PI	FL.
STATION				12	ATION N

70-79

APR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	1		PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN	l		MEAN RELATIVE	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	NO. OF OBS.
APR	00-02	100.0	100.0	100.0	100.0	99.1	94.7	81.5	65.5	23.0	82.1	899
	03-05	100.0	100.0	100.0	100.0	99.0	95.3	86.6	75.2	40.0	85.3	900
	06-08	100.0	100.0	100.0	100.0	98.1	89.8	78.2	63.9	30.1	81.5	900
	09-11	100.0	100.0	99.1	94.8	81.8	52.7	27.6	8.6	1.6	62.2	900
	12-14	100.0	100-0	98.1	90.9	66.6	34.9	13.8	4.2	1.7	56.7	900
	15-17	100.0	99.9	97.9	91.1	73.2	47.1	24.8	6.6	2.0	59.7	899
	18-20	100.0	100.0	99.8	98.6	94.3	79,4	57.6	35.4	5.5	72.5	898
	21-23	100.0	100.0	99.9	99.7	98.9	91.8	73.4	53.9	13.0	79.0	900
											-	
10	TALS	100.0	100.0	99.4	96,9	88.9	73.2	55.4	39.2	14.6	72.4	7190

USAFETAC MIN 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH USAFETAG AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12868 KSC SHITTLE APT FL

<u>70-79</u>

MAY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

44 0 04 7 1	HOURS			PERCENTA	GE FREQUENC	CY OF RELATIV	E HUMIDITY C	REATER THAN	1		MEAN RELATIVE	TOTAL NO. OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
MAY	00-02	100.0	100.0	100.0	100.0	100.0	98.4	92.6	75.2	34.2	85.7	929
	03-05	100.0	100.0	100.0	100.0	100.0	98.8	95.2	85.7	48.6	88.6	930
	06-08	100.0	100.0	100.0	100.0	99.7	96.6	84.6	64.4	25.6	82.9	930
	09-11	100.0	100.0	100.0	99.0	91.7	66.9	33.2	6.7	.8	65.5	930
	12-14	100.0	100.0	99.6	96.5	87.3	54.4	22.5	6.3	1.5	62.6	930
	15-17	100.0	100.0	99,6	97.5	91.5	71.2	39.6	13.5	4.4	67.4	930
	18-20	100.0	100.0	99,8	99.2	97.5	91.2	73.8	43.5	9.0	76.7	927
	21-23	100.0	100.0	100.0	100.0	99.7	97.0	87.2	64.9	21.8	82.8	927
						ļ						
	-	 	-			 	 	-	-		 	
10	TALS	100.0	100.0	99,9	99.0	95.9	84.3	56.1	45.0	18.2	76.5	7433

0-87-5 (OL A)

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1286B	KSC	SHUTT	LE.	Ap1	FL
STATION					STATION N.

69-78

JUN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY O	REATER THAN	1	_	MEAN	TOTAL NO. OF
MUNIN	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	OBS.
JUN	00-02	100.0	100.0	100.0	100-0	100.0	100.0	99.3	92.9	42.8	89.4	900
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100-0	95.8	61.6	91.7	900
	80=00	100.0	100.0	100.0	100.0	100.0	99.9	94.7	70.6	30.1	85.5	900
	09-11	100.0	100-0	100.0	100-0	99.2	88.9	43.7	7.3	2.0	69.6	900
	12-14	100.0	100-0	100.0	99.8	96.7	79.9	32.1	6.8	2.0	67.3	900
	15-17	100.0	100-0	100.0	99.9	98.2	88.6	56.3	17.7	5.4	72.3	900
	18-20	100.0	100.0	100.0	100.0	99.9	97.4	89.8	52.0	13.8	80.9	900
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	97.8	78.3	27.4	86.2	900
							-					
							<u> </u>					
10	TALS	100.0	100.0	100.0	100.0	99.3	94,3	76,7	52.7	23.1	80.4	7200

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USAFETAC MAN 0-87-5 (OL A)

GLOBAL CLIMATOLUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

12868 KSC SHUTTLE APT FL

JUL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	!		PERCENTA	GE FREQUENC	CY OF RELATIV	E HUMIDITY C	REATER THAN	l		MEAN RELATIVE	TOTAL NO. OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OSS.
JUL	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.7	95.4	47.2	90.5	930
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.6	98.1	64.8	92.5	930
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	96.1	75.5	33.0	86.4	930
	09-11	100.0	100.0	100.0	100.0	99.8	92.5	47.3	8.1	1.2	70.4	930
	12-14	100.0	100.0	100.0	99.9	97.2	81.1	31.8	7.8	1.4	67.3	930
	15-17	100.0	100.0	100.0	100.0	98.6	91.3	54.3	18.0	4.4	72.3	930
	18-20	100.0	100.0	100.0	100.0	100.0	99.1	91.8	58.0	12.6	81.7	930
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	98.7	88.6	31.8	88.0	930
						ļ		 				
		-		 							 	
TO	TALS	100.0	100.0	100.0	100.0	99.5	95.5	77.4	56.2	24.6	81.1	7440

0-87-3 (OL A)

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QLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12868	KSC SHUTTI	F APT EL
STATION		STATION NAME

-78

AUG MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN						MEAN	TOTAL NO. OF		
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
LUG.	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.6	51.6	91.0	929
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.3	64.5	92.6	930
	06-08	100.0	100-0	100.0	100.0	100.0	100.0	98.2	79.5	40.9	87.9	930
	09-11	100-0	100.0	100.0	100.0	100.0	96.2	53.9	9.9	.8	71.8	930
	12-14	100.0	100.0	100.0	99.9	99.2	89.6	33.5	5.8	2.3	68.7	930
	15-17	100.0	100.0	100.0	100.0	99.8	95,3	56.9	19.2	6.0	73.4	930
	18-20	100.0	100.0	100.0	100.0	100.0	99.5	94.5	61.9	15.0	82.8	929
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.8	88.3	36.0	88.5	930
<u> </u>											-	
τo	TALS	100.0	100.0	100.0	100.0	99.9	97.6	79.6	57.2	27.1	82.1	7438

USAPETAC 10

PORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATBLDGY BRANCH USAFETAC AIR JEATHER SERVICE/MAC

RELATIVE HUMIDITY

12868 KSC SHUTTLE APT FL

69-78

SEP

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	-		PERCENTA	GE FREQUENC	Y OF RELATIV	VE HUMIDITY G	REATER THAN	ı		MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
EP	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.4	88.6	38.3	88.7	900
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.4	92.1	54.7	90.8	900
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.0	82.2	40.7	88.2	900
	09-11	100.0	100.0	100.0	100.0	99.9	95.1	58.6	13.3	.9	72.4	900
	12-14	100.0	100.0	100.0	100.0	99.2	89.4	35.8	6.3	1.9	69.1	900
	15-17	100.0	100.0	100.0	100.0	99.9	94.7	58.6	16.3	3.2	73.0	900
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	95.8	57.1	9.8	82.0	900
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	98.7	78.4	23.7	85.9	899
			ļ					 				
			-	 		-	 			-		
tc	OTALS	100.0	100.0	100.0	100.0	99.9	97.4	80.6	54.3	21.7	81.3	7199

USAPETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR JEATHER SERVICE/MAC

RELATIVE HUMIDITY

12868 STATION	K\$C_SH	UTTLE	APT	FL
STATION			51	ATION NA

69-78

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	!	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS.	
a . 1	00-02	100.0	100-0	100.0	100.0	99.9	94.4	82.6	63.0	31.4	82.8	930	
	03-05	100.0	100.0	100.0	100.0	99.9	95.3	84.3	68.8	37.7	84.5	929	
· ·	80-00	100.0	100.0	100.0	100-0	99.4	94.8	82.2	62.9	35.5	83.3	930	
	09-11	100.0	100.0	100-0	100.0	95.3	74.7	45.3	15.8	3.3	69.2	930	
	12-14	100.0	100.0	99.9	98.1	89.6	60.5	30.6	8.8	2.9	64.9	930	
	15-17	100.0	100.0	100.0	99.1	93.7	74.0	44.7	18,3	3.7	69.0	930	
	18-20	100.0	100.0	100.0	100.0	99.5	92.8	75.8	45,3	10.9	78.0	930	
······································	21-23	100.0	100.0	100.0	100.0	99.8	93.8	78.0	57.3	20.9	80.6	930	
		-			1								
				<u> </u>									
TO	TALS	100.0	100.0	100.0	99.7	97.1	85.0	65.4	42.5	18.3	76.5	7439	

0-87-5 (OL A)

GLOBAL CLIMATOLUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

12868	KSC	SHUTTLE	APT	FL

69-78

NUV

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	1		PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY C	REATER THAN			MEAN	TOTAL NO. OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	OBS.
NUV	00-02	100.0	100.0	100.0	100.0	98.6	93.9	83.6	71.1	76.8	84.3	900
	03-05	100.0	100.0	100.0	100.0	99.0	95.3	85.9	73.9	44.4	85.9	900
—	06-08	100.0	100.0	100.0	100.0	99.7	96.6	86.7	73.6	46.1	86.1	900
	09-11	100.0	100.0	100.0	98.8	93.2	77.2	51.1	24.9	6.3	70.5	900
	12-14	100.0	100.0	99.3	95.2	R5.3	56.4	27.7	8.7	1.9	63.2	900
	15-17	100.0	100.0	99,6	96.2	90.0	70.3	43.0	19.0	3.4	67.7	899
	18-20	100.0	100.0	100.0	99.8	98.7	92.2	79.8	8.00	16.9	80.5	900
	21-23	100.0	100.0	100.0	99.9	98.6	93.7	82.3	68.3	30.8	83.1	900
							<u> </u>				+	
			-					 	<u> </u>		-	
TC	DTALS	100.0	100.0	99,9	98.7	95.4	84.5	67.5	50.0	23.3	77.7	7199

USAPETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

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12868	¥2€	SHULLE	API	
STATION!				ATION N

69-78

DEC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS	!		PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY C	REATER THAN	1		MEAN	TOTAL NO. OF
MUNIN	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
nkc	00-02	100.0	100.0	100.0	100-0	99.7	95.8	85.1	71.9	46.7	85.7	930
	03-05	100.0	100.0	100.0	100.0	100.0	96.7	88.4	75.3	51.3	87.1	930
	06-08	100.0	100.0	100.0	100.0	99.8	96.8	87.8	74.5	51.5	87.2	930
	09-11	100.0	100.0	99.9	98.5	93.9	82.0	59.7	36.3	12.2	74.0	930
	12-14	100.0	100.0	98.6	93.4	86.0	61.4	31.0	13.5	4.1	64.3	930
	15-17	100.0	99.9	98.4	94.8	88.0	73.0	40.6	25.1	5.2	68.4	930
	18-20	100.0	100.0	100.0	99.9	98.6	93.4	80.6	62.2	24.7	82.0	926
	21-23	100.0	100.0	100.0	99.9	98.6	93.8	83.7	69.0	39.7	84.2	926
				-								
10	TALS	100.0	100.0	99.6	98.3	95.6	86,6	70.4	53.5	29.4	79.1	7434

USAPETAC MIN 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH USAFETAG AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12868 KSC SHUTTLE APT FL

69-79

ALL

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)		PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN											
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO. OF OBS.		
JAN	ALL	100.0	99.9	98.9	97.4	93.6	85.0	71.2	54.4	30.2	79.0	7437		
FEB		100.0	100.0	99.2	96.7	90.9	80.3	66.6	50.3	26.1	76.7	6766		
MAR		100.0	99.9	99,3	96.5	90.5	77.9	63.0	46.4	22.3	75.3	7427		
APR		100.0	100.0	99,4	96.9	88.9	73.2	55.4	39.2	14.6	72.4	7196		
MAY	ļ	100.0	100.0	99.9	99.0	95.9	84.3.	66.1	45.0	18.2	76.5	7433		
JUN		100.0	100.0	100.0	100.0	99.3	94.3	76.7	52.7	23.1	80.4	7200		
JUL		100.0	100.0	100.0	100.0	99.5	95,5	77.4	56.2	24.6	81.1	7440		
AUG		100.0	100.0	100.0	100.0	99,9	97.6	79.6	57.2	27.1	82.1	7438		
SEP		100.0	100.0	100.0	100.0	99.9	97.4	80.6	54.3	21.7	81.3	7199		
n c T		100.0	100.0	100.0	99.7	97.1	85.0	65.4	42.5	18.3	76.5	7439		
NDV		100.0	100.0	99.9	98.7	95.4	84.5	67.5	50.0	23.3	77.7	7199		
DEC		100.0	100.0	99,6	98.3	95.6	86.6	70.4	53.5	29.4	79.1	7434		
10	TALS	100.0	100.0	99,7	98.6	95.5	86.8	70.0	50.1	23.2	78.2	87608		

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0-87-5 (OL A)

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PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly symoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

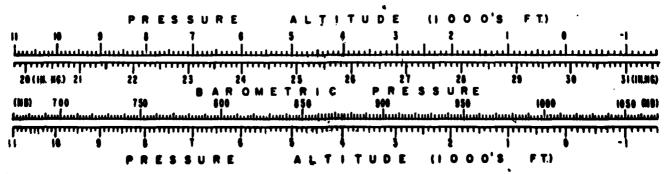
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIR MEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY UBSERVATIONS

2868		SHUTTLE APT FL						69-79								
STATIO	N		STATIO	ON NAME						YEARS						
RS LST	1	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP.	oct	NOV	DEC	ANNUAL		
	MEAN	30-099	30.0923	0.0513	30.048	29.985	29.994	30.053	30.029	29.989	29.997	30.062	30.094	30.0		
01	S D	. 146	.142	.139	.137	•102	.090	.062	.073	.075	.103	.116	.134	.1		
	TOTAL OBS	308	282	310	300	310	300	310	310	300	310	300	310	36		
	MEAN	30.088	30.0723	30.0253	0.029	29.966	29.973	30.032	30.004	29.967	29.9783	30.049	30.081	30.0		
04	s o	.147		.140					.073				.133	.1		
	TOTAL OBS	310	282	-	300							300	310			
	MEAN	30.106	30.0993	0.0603	0.067	30.002	30-005	30-060	30-033	9.996	30-0073	30-076	30-101	30.0		
07	S D	146		-	.135			.062			- •			.1		
	TOTAL OBS	310						1		300.			310	36		
	MEAN	30.151	30.1363	10-0943	0-093	30.024	30-026	30-083	30-0623	30.025	30-0399	30-110	30-143	30.0		
10	S D	.147				.105			.075			118	.133	.1		
	TOTAL OBS								310							
	MEAN	30.102	30.1013	10.0653	0.069	30.003	30-011	30-068	30-0453	10.000	30.0033	0-064	30-093	30.0		
13	S D	.150		_		.109		.067					.139	.1		
	TOTAL OBS	310					300		310					36		
	MEAN	30.074	30.0593	0.0203	0.027	29.966	29.978	30.035	30.009	9.961	29.977	0.038	0.067	30.0		
16	5 D	.151			.147			.067				.123	.141	.1		
	TOTAL OBS	310	282										310	36		
	MEAN	30.0963	30.0823	0.0293	0.033	29.970	29.985	30-040	30.013	9.973	29.996	0.060	0.091	30.0		
19	S D	.149	.177	.145	.144	-106	.091	.065	.072	.076	.106	.121	.139	.1		
·	TOTAL OBS	309	282	307	298	308	300	310	310	300	310	300	309	36		
	MEAN	30.117	30.1043	0.0623	0.064	30-002	0.012	30.065	30.044	0.005	0.020	0.080	0.109	30.0		
22	S D	.147	.141	.138	.139					.077		.118	.135	.1		
	TOTAL OBS	310	282	309	300	309	300	310	310	300	310	300	308	36		
	MEAN	30.104	30.0933	0.051	0.054	29.990	29.998	30.054	30.030	9,989	10.002	0.067	0.097	30.0		
HOURS	S D.	.149	.150	. 145	.142			.066		.080		.120	.137	.1		
	TOTAL OBS	2477				2476			2480	2400				291		

USAPETAC FORM 0.89.5 (CLA)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

12868	KSC	SHUTTLE APT FL STATION NAME					69-79 YEARS							
STATION	1													
		MAL	FEB.	MAR.	APR.	MAY	אטנ	J ປ1.	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
	MEAN	1019.91	019.0	1018.2	1018.2	1016.0	1016.3	1018.3	1017.5	1016.2	1016.4	1018.6	1019.7	1017.9
01	S D	4.963	4.770	4.672	4.628	3.444	3.008	2.070	2.465	2.537	3.470	3.925	4.542	4.060
	TOTAL OBS	310	282	310	300	310.	300	310	310	300	310	300	310	3652
	MEAN	1019.51	018.9	1017.41	1017.5	1015.41	015.6	1017.6	1016.7	1015.4	1015.81	1018.2	1019.3	1017.3
04	5 D					3.393								4.078
	TOTAL OBS					310.								3650
	MEAN	1020.21	1019.9	1018.5	1018.8	1016-6	016.7	1018.5	1017.6	1016-4	1016-8	1019.1	1020.0	1018.3
07	S D					3.377								4.045
	TOTAL OBS					310								3657
	MEAN	1021.7	021.2	1019.7	1019.7	1017-3	017-4	1019.3	1018.6	1017-4	1017-8	1020.3	1021.4	1019.3
10	SD					3.547								4.192
	TOTAL OBS					310							3	3652
 -	MEAN	1020.0	1019.9	1018.7	1018.9	1016-6	016.9	1018.8	1018-0	1016-5	1016-6	1018.7	1019.7	1018-3
13	S D	5-102	5.029	5.019	4.936	3.673	3.121	2.223	2.586	2.691	3.663	4.077	4.699	4.213
	TOTAL OSS	310	282	310,	300	310	300	310	310	300	310		310	3652
	MEAN	1019.11	1018.5	1017.2	1017.4	1015.3	1015.8	1017.7	1016.8	1015.2	1015.7	1017.8	1018.8	1017-1
16	S D	5.157	5.117	5.115	4.958	3.790	3.113	2.227	2.471	2.682	3.675	4.164	4.767	4.265
	TOTAL OBS					310								3651
	MEAN	1019.8	019.1	1017.5	1017.7	1015.5	1016.0	1017.9	1017.0	1015.6	1016.4	018.6	1019.6	1017.5
19	S.D.	5.048	4.935	4.877	4.868	3.590	3.072	2.194	2.408	2.579	3.577	4.090	4.709	4.204
	TOTAL OBS	309				308		310						3661
22	MEAN	1020.5												1018.5
	5. D.	4.985	4.757	4.657	4.673	3.418	2.965	2.088	2.378	2,599	3.507	4.005	4.616	4.060
	TOTAL OBS							310			310			3641
ALL HOURS	MEAN	1020.1												1018-0
	S.D.	5.067	4,938	4.883	4.790	3.592	3.097	2.210	2.547	2.687	3.608	4.061	4.664	4.194
	TOTAL OBS	2474	2255	2474	2198	2477	2400	2440	2480	2600	2480	2400	2677	29197

USAPETAC FORM 0-89-5 (CEA)